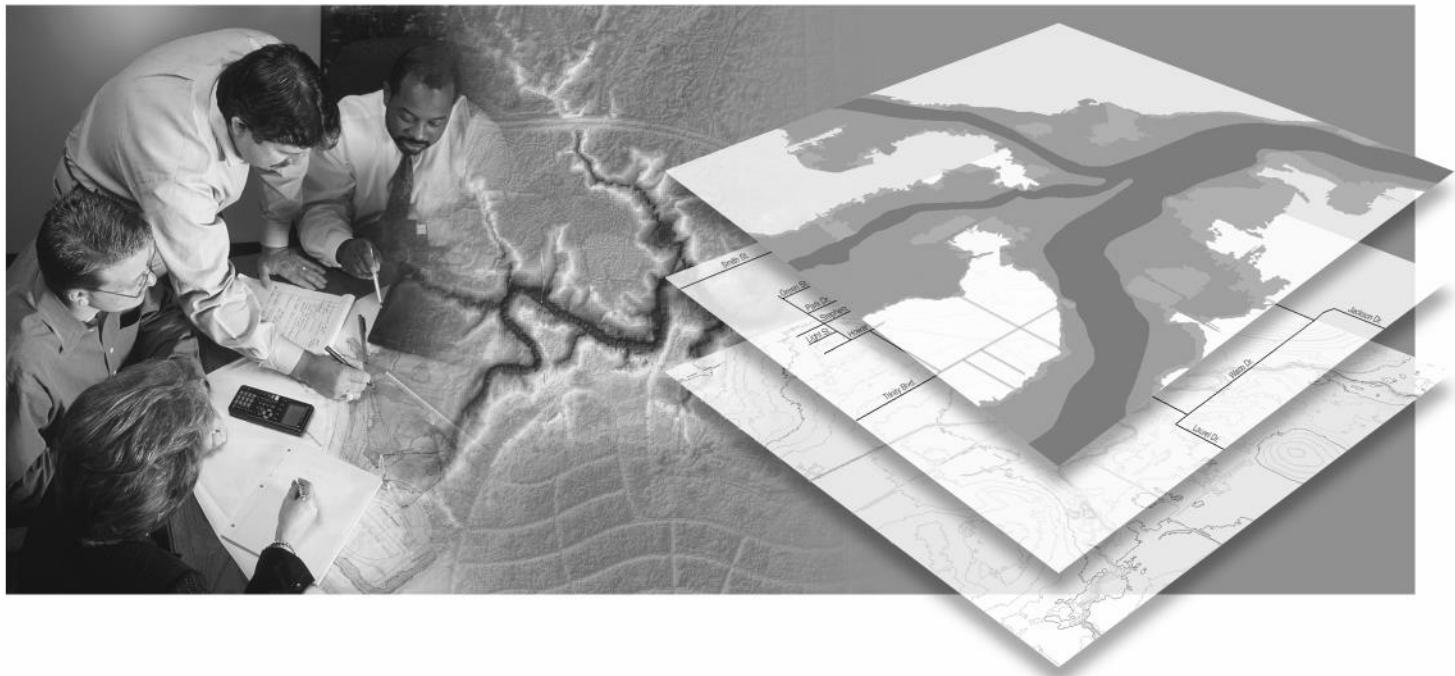


Flood Insurance Study

Harris County, Texas and Incorporated Areas

VOLUME 4 of 12



| COMMUNITY NAME | COMMUNITY NO. | COMMUNITY NAME | COMMUNITY NO. |
|-------------------------------------------|---------------|------------------------------------|---------------|
| Baytown, City of | 485456 | Nassau Bay, City of | 485491 |
| Bellaire, City of | 480289 | Pasadena, City of | 480307 |
| Bunker Hill Village, City of ¹ | 480290 | Pearland, City of | 480077 |
| Deer Park, City of | 480291 | Piney Point Village, City of | 480308 |
| El Lago, City of | 485466 | Seabrook, City of | 485507 |
| Galena Park, City of | 480293 | Shoreacres, City of | 485510 |
| Hedwig Village, City of ¹ | 480294 | South Houston, City of | 480311 |
| Hilshire Village, City of | 480295 | Southside Place, City of | 480312 |
| Houston, City of | 480296 | Spring Valley, City of | 480313 |
| Humble, City of | 480297 | Stafford, City of | 480233 |
| Hunter's Creek Village, City of | 480298 | Taylor Lake Village, City of | 485513 |
| Jacinto City, City of | 480299 | Tomball, City of | 480315 |
| Jersey Village, City of | 480300 | Webster, City of | 485516 |
| La Porte, City of | 485487 | West University Place, City of | 480318 |
| Missouri City, City of | 480304 | Harris County Unincorporated Areas | 480287 |
| Morgans Point, City of | 480305 | | |

¹ No Special Flood Hazard Areas identified

REVISED: May 2, 2019
FLOOD INSURANCE STUDY NUMBER
48201CV004C



FEMA

NOTICE TO FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

Part or all of this Flood Insurance Study may be revised and republished at any time. In addition, part of this Flood Insurance Study may be revised by the Letter of Map Revision process, which does not involve republication or redistribution of the Flood Insurance Study. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current Flood Insurance Study components. A listing of the Community Map Repositories can be found on the Index Map.

This FIS was revised on January 6, 2017 Users should refer to Section 10.0, Revision Description, for further information. Section 10.0 is intended to present the most up-to-date information for specific portions of this FIS report. Therefore, users of this FIS report should be aware that the information presented in Section 10.0 supersedes information in Section 1.0 through 9.0 of this FIS report.

This publication incorporates revisions to the original FIS.

Initial Countywide FIS Effective Date: September 28, 1990

First Revised Countywide FIS Date: September 30, 1992 – to update corporate limits, to change Base Flood Elevations, to update map and format and roads and road names: and to incorporate previously issued letters of map amendment.

Second Revised Countywide FIS Date: November 6, 1996 -- to update corporate limits, map format and roads and road names; to decrease Base Flood Elevations; and to incorporate previously issued letters of map amendment.

Third Revised Countywide FIS Date: April 20, 2000 -- to update corporate limits, to add Base Flood Elevations, Special Flood Hazard Areas; to change Base Flood Elevations, Special Flood Hazard Areas, and zone designations; to add road and road names; to reflect updates topographic information; and to incorporate previously issued letters of map revision, and previously issued letters of map amendment.

Fourth Revised Countywide FIS Date: June 18, 2007 -- to change Base Flood Elevations, Special Flood Hazard Areas, zone designations, and floodway; and to reflect updated topographic information.

Fifth Revised Countywide FIS Date: October 16, 2013 -- to change Base Flood Elevations, Special Flood Hazard Areas, and floodway; and to incorporate previously issued letters of map revision.

Sixth Revised Countywide FIS Date: June 9, 2014-- to change Base Flood Elevations, Special Flood Hazard Areas, and floodway; and to incorporate previously issued letters of map revision.

Seventh Revised Countywide FIS Date: May 4, 2015 – to update corporate limits.

Eighth Revised County FIS Date: January 6, 2017 – to change Base Flood Elevations, Special Flood Hazard Areas, zone designations, and floodway; to incorporate previously issued letters of map revision; to update the effects of wave action and road and road names, and to reflect revised shoreline and updated topographic information

Ninth Revised County FIS Revision Date: May 2, 2019 - to update corporate limits, to change Base Flood Elevations, to change Special Flood Hazard Areas, to change zone designations, to update map format, to add roads and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information.

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Table 8 – Floodway Data (Watersheds A – I)

VOLUME 3 – JANUARY 6, 2017

Table 8 – Floodway Data (Watersheds J – W)

EXHIBITS

Exhibit 1 – Flood Profiles – Flood Profiles included in this report are shown in Volumes 4 – 8.
See the pages following for a complete listing.

Exhibit 2 – Flood Insurance Rate Map Index and Flood Insurance Rate Map

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Exhibit 1 – Flood Profiles

VOLUME 4 – May 2, 2019**Clear Creek Watershed (A)**

| HCFCD <u>Designation</u> | <u>Stream Name</u> | <u>Panels</u> |
|-----------------------------|-----------------------------------|---------------------|
| A100-00-00 | Clear Creek | Panels A01P--A10P* |
| A104-00-00 | Taylor Bayou | Panels A11P--A13P** |
| A104-04-00 | Tributary 3.10 to Taylor Bayou | Panel A14P** |
| A104-07-00 | Tributary 3.93 to Taylor Bayou | Panel A15P** |
| A104-13-00 | Tributary 3.36 to Taylor Bayou | Panel A16P** |
| A104-14-00 | Taylor Bayou Diversion Channel | Panel A17P** |
| A107-00-00 | Cow Bayou | Panels A18P--A19P** |
| A107-03-00 | Unnamed Tributary to Cow Bayou | Panel A19P |
| A111-00-00 | Tributary 10.08 to Clear Creek | Panels A20P--A22P |
| A118-00-00 | Cedar Gully | Panel A23P |
| A119-00-00 | Turkey Creek | Panels A24P--A25P |
| A119-02-00 | Tributary 0.16 to Turkey Creek | Panel A26P |
| A119-05-00 | Unnamed Tributary to Turkey Creek | Panels A27P--A28P |
| A119-07-00 | Unnamed Tributary to Turkey Creek | Panel A29P |
| A119-07-02 | Unnamed Tributary to A1 19-07-00 | Panels A29P--A30P |
| A120-00-00 | Halls Road Ditch | Panels A31P--A33P |

Armand Bayou Watershed (B)

| | | |
|------------|---------------------------------------------|--------------------|
| B100-00-00 | Armand Bayou | Panels B01P--B03P* |
| B104-00-00 | Horsepen Bayou | Panels B04P--B05P |
| B104-04-00 | Tributary 4.51 to Horsepen Bayou | Panel B06P |
| B104-05-00 | Tributary 5.44 to Horsepen Bayou | Panel B07P |
| B106-00-00 | Big Island Slough | Panels B08P--B09P |
| B109-00-00 | Spring Gully | Panel B10P |
| B109-03-00 | B1 12-02-00 Interconnect | Panel B11P |
| B111-00-00 | Tributary 9.39 to Armand Bayou | Panel B12P |
| B112-00-00 | Willow Springs Bayou | Panels B13P--B14P |
| B112-02-00 | Tributary 1.78 to Willow Springs Bayou | Panels B15P--B16P |
| B112-04-00 | Tributary B to Willow Springs Bayou | Panel B 17P |
| B113-00-00 | Tributary 10.46 to Armand Bayou | Panel B18P |
| B114-00-00 | County "C", D.D. #5 | Panels B19P--B20P |
| B114-01-00 | Private "G", D.D. #5 | Panel B21P |
| B114-02-00 | Unnamed Tributary to B 114-00-00 | Panel B22P |
| B115-00-00 | Tributary 12.18 to Armand Bayou | Panel B23P |
| B115-01-00 | Tributary 12.18 to Armand Bayou (continued) | Panel B23P |
| B204-04-00 | Horsepen Bayou Diversion Channel | Panel B24P |

*Some Panels Not Printed as Areas Superseded by 1- percent annual chance coastal flooding

**All Panels Not Printed as Areas Superseded by 1- percent annual chance coastal flooding

TABLE OF CONTENTS (Cont'd)

Exhibit 1 – Flood Profiles

VOLUME 4 – (cont'd)**Sims Bayou Watershed (C)**

| HCFCD <u>Designation</u> | <u>Stream Name</u> | <u>Panels</u> |
|-----------------------------|-------------------------------------------|-------------------|
| C100-00-00 | Sims Bayou | Panels C01P--C05P |
| C102-00-00 | Plum Creek | Panels C06P--C07P |
| C103-00-00 | Pine Gully | Panels C08P--C09P |
| C106-00-00 | Berry Bayou | Panels C10P--C12P |
| C106-01-00 | Berry Creek | Panels C13P--C14P |
| C106-01-07 | Unnamed Tributary to Berry Creek | Panel C14(a)P |
| C106-03-00 | Tributary 2.00 to Berry Bayou | Panels C15P--C16P |
| C106-08-00 | Tributary 3.31 to Berry Bayou | Panel C17P |
| C118-00-00 | Salt Water Ditch | Panel C18P |
| C123-00-00 | Tributary 10.77 to Sims Bayou | Panel C19P |
| C223-00-00 | Tributary 10.77 to Sims Bayou (continued) | Panel C19(a)P |
| C127-00-00 | Swengel Ditch | Panel C20P |
| C132-00-00 | Tributary 13.83 to Sims Bayou | Panel C21P |
| C147-00-00 | Tributary 20.25 to Sims Bayou | Panels C22P--C23P |
| C147-02-00 | C147-02-00 | Panel C23(a)P |
| C161-00-00 | Tributary 17.82 to Sims Bayou | Panel C24P |

Brays Bayou Watershed (D)

| | | |
|------------|--------------------------------------|-------------------|
| D100-00-00 | Brays Bayou | Panels D01P--D07P |
| D109-00-00 | Harris Gully | Panel D08P |
| D111-00-00 | Poor Farm Ditch | Panels D09P--D10P |
| D112-00-00 | Willow Waterhole Bayou | Panel D11P |
| D118-00-00 | Keegans Bayou | Panels D12P--D13P |
| D120-00-00 | Tributary 20.90 to Brays Bayou | Panels D14P--D15P |
| D122-00-00 | Tributary 21.95 to Brays Bayou | Panels D16P--D17P |
| D124-00-00 | Tributary 22.69 to Brays Bayou | Panel D18P |
| D126-00-00 | Tributary 23.53 to Brays Bayou | Panels D19P--D20P |
| D129-00-00 | Tributary 26.20 to Brays Bayou | Panels D21P--D22P |
| D132-00-00 | Tributary 29.16 to Brays Bayou | Panel D23P |
| D133-00-00 | Bintliff Ditch | Panel D24P |
| D139-00-00 | Chimney Rock Diversion Channel | Panel D25P |
| D140-00-00 | Fondren Diverson Channel | Panel D26P |
| D140-04-00 | Fondren Diverson Channel (continued) | Panel D26P |
| D142-00-00 | Tributary 20.86 to Brays Bayou | Panel D27P |
| D144-00-00 | City Ditch | Panel D28P |

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Exhibit 1 – Flood Profiles
VOLUME 5 – JANUARY 6, 2017

White Oak Bayou Watershed (E)

| HCFCD <u>Designation</u> | <u>Stream Name</u> | <u>Panels</u> |
|-----------------------------|--------------------------------------|-------------------|
| E100-00-00 | White Oak Bayou | Panels E01P--E11P |
| E101-00-00 | Little White Oak Bayou | Panels E12P--E13P |
| E115-00-00 | Brickhouse Gully | Panels E14P--E16P |
| E115-04-00 | Brickhouse Gully Tributary 1.61 | Panel E17P |
| E116-00-000 | Tributary 10.1 to White Oak Bayou | Panel E18P E116- |
| E117-00-00 | Cole Creek | Panels E19P--E21P |
| E121-00-00 | Vogel Creek | Panels E22P--E24P |
| E122-00-00 | Unnamed Tributary to White Oak Bayou | Panels E25P--E26P |
| E124-00-00 | White Oak Bayou Tributary 15.8 | Panel E27P |
| E125-00-00 | Rolling Fork | Panel E28P |
| E127-00-00 | Tributary 19.05 to White Oak Bayou | Panel E29P |
| E135-00-00 | Tributary 19.82 to White Oak Bayou | Panel E30P |
| E141-00-00 | Beltway Channel | Panels E31P--E32P |

Galveston Bay Watersheds (F)

| | | |
|------------|------------------------|--------------------|
| F216-00-00 | Little Cedar Bayou | Panels F01P – F021 |
| F220-00-00 | Pine Gully | Panel F03P |
| F220-03-00 | Pine Gully (continued) | Panel F03P |

San Jacinto River Watershed (G)

| | | |
|--------------|-----------------------------------------|--------------------|
| G100-00-00 | San Jacinto River, Houston Ship Channel | Panels G01P |
| G100-00-00 | Buffalo Bayou, Houston Ship Channel | Panels G02P--G04P |
| G103-00-00 | San Jacinto River | Panels G05P--G08P* |
| G103-01-00 | Unnamed Tributary to San Jacinto River | Panels G09P--G10P |
| G103-07-00 | Unnamed Tributary to San Jacinto River | Panels G11P--G14P |
| G103-00-00 | Lake Houston | Panels G15P--G17P |
| G103-00-00 | West Fork San Jacinto River | Panels G18P--G21P |
| G103-33-00 | Bens Branch | Panels G22P--G24P |
| G103-43-00 | Jordan Gully | Panel G25P |
| G103-44-00 | TxDOT Ditch #4 | Panel G26P |
| G103-48-00 | Blacks Branch | Panel G27P |
| G103-80-00 | Lake Houston (continued) | Panels G17P & G28P |
| G103-80-00 | East Fork San Jacinto River | Panels G29P--G34P |
| G103-80-03 | Caney Creek | Panel G35P |
| G103-80-03.1 | White Oak Creek | Panels G36P--G37P |

*Some Panels Not Printed as Areas Superseded by 1-percent annual chance coastal flooding

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Exhibit 1 – Flood Profiles

VOLUME 5 (cont'd)

San Jacinto River Watershed (G) (cont'd)

| HCFCD <u>Designation</u> | <u>Stream Name</u> | <u>Panels</u> |
|-----------------------------|---------------------------------|-------------------|
| G103-80-03.1A | Mills Branch | Panel G38P |
| G103-80-03.1B | Taylor Gully | Panels G39P--G40P |
| G104-00-00 | Patrick Bayou | Panels G41P--G43P |
| G104-08-00 | E. 13th St. Outfall Channel | Panels G44P--G45P |
| G105-00-00 | Boggy Bayou | Panels G46P--G47P |
| G108-00-00 | Glenmore Ditch | Panel G48P |
| G109-00-00 | Tributary 6.77 to Buffalo Bayou | Panel G49P |
| G110-00-00 | Cotton Patch Bayou | Panel G50P |
| G112-00-00 | Panther Creek | Panel G51P |

Hunting Bayou Watershed (H)

| | | |
|------------|----------------------------------|-------------------|
| H100-00-00 | Hunting Bayou | Panels H01P--H06P |
| H103-00-00 | Wallisville Outfall | Panels H07P--H09P |
| H110-00-00 | Tributary 12.70 to Hunting Bayou | Panel H10P |
| H112-00-00 | Schramm Gully | Panel H11P |
| H118-00-00 | Tributary 12.05 to Hunting Bayou | Panels H12P--H13P |

Vince Bayou Watershed (I)

| | | |
|------------|--------------------|-------------------|
| I100-00-00 | Vince Bayou | Panels I01P--I03P |
| I101-00-00 | Little Vince Bayou | Panels I04P--I05P |

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Exhibit 1 – Flood Profiles
VOLUME 6 – OCTOBER 16, 2013

Spring Creek Watershed (J)

| HCFCD <u>Designation</u> | <u>Stream Name</u> | <u>Panels</u> |
|-----------------------------|---------------------------------|-------------------|
| J100-00-00 | Spring Creek | Panels J01P--J29P |
| J109-00-00 | Bender Lake | Panel J30P |
| J109-01-00 | Continuation of Bender Lake | Panels J30P--J31P |
| J121-00-00 | Tributary 21.08 to Spring Creek | Panel J32P |
| J131-00-00 | Boggs Gully | Panels J33P--J36P |
| J131-01-00 | Tributary 1.25 to Boggs Gully | Panel J37P |
| J158-00-00 | Kickapoo Creek | Panels J38P--J40P |

Cypress Creek Watershed (K)

| | | |
|------------|-----------------------------------------|-------------------|
| K100-00-00 | Cypress Creek | Panels K01P--K11P |
| K111-00-00 | Turkey Creek | Panels K12P--K14P |
| K111-03-00 | Tributary to Turkey Creek | Panel K15P |
| K112-00-00 | Wild Cow Gulch | Panel K16P |
| K116-00-00 | Schultz Gully | Panel K17P |
| K120-00-00 | Lemm Gully | Panels K18P--K19P |
| K120-01-00 | Senger Gully | Panels K20P--K21P |
| K120-03-00 | Wunsche Gully | Panel K22P |
| K124-00-00 | Seals Gully | Panels K23P--K24P |
| K124-02-00 | Kothman Gully | Panels K25P--K26P |
| K131-00-00 | Spring Gully | Panels K27P--K28P |
| K131-02-00 | Theiss Gully | Panels K29P--K30P |
| K131-02-04 | Tributary to Theiss Gully | Panel K30P |
| K131-03-00 | Tributary 2.1 to Spring Gully | Panel K31P |
| K131-04-00 | Tributary to Spring Gully | Panel K32P |
| K133-00-00 | Dry Gully | Panels K33P--K34P |
| K140-00-00 | Pillot Gully | Panels K35P--K36P |
| K142-00-00 | Faulkey Gully | Panels K37P--K39P |
| K145-00-00 | Dry Creek | Panels K40P--K41P |
| K150-00-00 | Tributary 36.6 to Cypress Creek | Panels K42P--K43P |
| K150-01-00 | Tributary 36.6-A to Cypress Creek | Panel K44P |
| K152-00-00 | Tributary 37.1 to Cypress Creek | Panel K45P |
| K155-00-00 | Tributary 40.7 to Cypress Creek | Panels K46P--K47P |
| K157-00-00 | Tributary 42.7 to Cypress Creek | Panels K48P--K49P |
| K159-00-00 | Channel A to Cypress Creek | Panels K50P--K51P |
| K159-01-00 | Channel D to Channel A to Cypress Creek | Panel K52P |
| K160-00-00 | Rock Hollow | Panels K53P--K55P |
| K160-01-00 | Tributary 1.63 to Rock Hollow | Panels K56P--K58P |

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Exhibit 1 – Flood Profiles

VOLUME 6 (cont'd)

Cypress Creek Watershed (K) (cont'd)

| HCFCD <u>Designation</u> | <u>Stream Name</u> | <u>Panels</u> |
|-----------------------------|---------------------------------------------|-------------------|
| K166-00-00 | Mound Creek | Panels K59P--K62P |
| K166-01-00 | East Fork Mound Creek | Panels K63P--K64P |
| K166-02-00 | Little Mound Creek | Panels K65P--K66P |
| K166-03-00 | Tributary 7.62 to Mound Creek | Panel K67P |
| K185-00-00 | Tributary 44.5 to Cypress Creek | Panel K68P |
| K172-00-00 | Tributary 44.5 to Cypress Creek (continued) | Panels K68P--K70P |

Little Cypress Creek Watershed (L)

| | | |
|------------|-----------------------------------------------------|-------------------|
| L100-00-00 | Little Cypress Creek | Panels L01P--L09P |
| L109-00-00 | Tributary 9.36 to Little Cypress Creek | Panel L10P |
| L112-00-00 | Tributary 10.99 to Little Cypress Creek | Panel L11P |
| L114-00-00 | Tributary 13.92 to Little Cypress Creek | Panels L12P--L13P |
| L114-01-00 | Tributary 0.12 to Tributary 13.92 to Little Cypress | Panels L14P--L16P |

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Exhibit 1 – Flood Profiles
VOLUME 7 – JANUARY 6, 2017

Willow Creek Watershed (M)

| HCFCD <u>Designation</u> | <u>Stream Name</u> | <u>Panels</u> |
|-----------------------------|---------------------------------|-------------------|
| M100-00-00 | Willow Creek | Panels M01P--M09P |
| M101-00-00 | Tributary 0.26 to Willow Creek | Panel M10P |
| M102-00-00 | Tributary 1.77 to Willow Creek | Panel M11P |
| M104-00-00 | Tributary 2.44 to Willow Creek | Panels M12P--M13P |
| M108-00-00 | Hughes Gully | Panel M14P |
| M109-00-00 | Cannon Gully | Panel M15P |
| M109-01-00 | Metzler Creek | Panel M16P |
| M112-00-00 | Tributary 6.52 to Willow Creek | Panels M17P--M18P |
| M116-00-00 | Tributary 8.16 to Willow Creek | Panels M19P--M20P |
| M124-00-00 | Tributary 13.50 to Willow Creek | Panels M21P--M23P |
| M129-00-00 | Continuation of Willow Creek | Panel M09P |

Carpenters Bayou Watershed (N)

| | | |
|------------|--------------------------------------|-------------------|
| N100-00-00 | Carpenters Bayou | Panels N01P--N03P |
| N100-00-00 | Sheldon Reservoir | N/A |
| N104-00-00 | Tributary 3.33 to Carpenters Bayou | Panel N04P |
| N117-00-00 | Tributary 11.715 to Carpenters Bayou | Panel N05P |

Goose Creek Watershed (O)

| | | |
|------------|--------------------------------|-------------------|
| O100-00-00 | Goose Creek | Panels O01P--O03P |
| O105-00-00 | East Fork Goose Creek | Panels O04P--O05P |
| O200-00-00 | Spring Gully | Panels O06P--O07P |
| O208-00-00 | Spring Gully Diversion Channel | Panel O08P |

Greens Bayou Watersheds (P)

| | | |
|------------|-----------------------------------|--------------------|
| P100-00-00 | Greens Bayou | Panels P01P--P 18P |
| P107-00-00 | Big Gulch | Panels P19P--P21P |
| P109-00-00 | Sulphur Gully | Panel P22P |
| P110-00-00 | Spring Gully | Panels P23P--P24P |
| P114-00-00 | Unnamed Tributary to Greens Bayou | Panel P25P |
| P118-00-00 | Halls Bayou | Panels P26P--P34P |
| P118-14-00 | Tributary 6.71 to Halls Bayou | Panel P35P |
| P118-23-00 | Tributary 11.96 to Halls Bayou | Panel P36P |
| None | Unnamed Tributary to Halls Bayou | Panel P37P |
| P125-00-00 | Tributary 14.27 to Greens Bayou | Panels P38P--P39P |

TABLE OF CONTENTS (Cont'd)

Exhibit 1 – Flood Profiles
VOLUME 8 – JANUARY 6, 2017

Greens Bayou Watersheds (P) (cont'd)

| HCFCD Designation | Stream Name | Panels |
|----------------------|---------------------------------------------------|-------------------|
| P125-04-00 | Tributary 14.27 to Greens Bayou (continued) | Panel P39P |
| P126-00-00 | Tributary 14.82 to Greens Bayou | Panels P40P--P41P |
| P130-00-00 | Garners Bayou | Panels P42P--P45P |
| P130-02-00 | Williams Gully | Panels P46P--P47P |
| P130-02-02 | Tributary 2.01 to Williams Gully | Panel P48P |
| P130-03-00 | Tributary 3.19 to Garners Bayou | Panel P49P |
| P130-03-01 | Tributary 0.55 to Tributary 3.19 to Garners Bayou | Panel P50P |
| P130-05-00 | Reinhardt Bayou | Panels P51P--P52P |
| P133-00-00 | Tributary 20.88 to Greens Bayou | Panel P53P |
| P138-00-00 | Tributary 24.97 to Greens Bayou | Panels P54P--P55P |
| P140-00-00 | Tributary 26.64 to Greens Bayou -- Hoods Bayou | Panel P56P |
| P140-04-00 | Continuation of Tributary 26.64 to Greens Bayou | Panels P56P--P57P |
| P140-04-03 | Continuation of Tributary 26.64 to Greens Bayou | Panels P57P--P58P |
| P145-00-00 | North Fork Greens Bayou | Panels P59P--P60P |
| P145-03-00 | Tributary 1.95 to North Fork Greens Bayou | Panels P61P--P62P |
| P146-00-00 | Tributary 32.23 to Greens Bayou | Panel P63P |
| P147-00-00 | Unnamed Tributary to Greens Bayou | Panels P64P--P65P |
| P148-00-00 | Tributary 34.60 to Greens Bayou | Panel P66P |
| P155-00-00 | Unnamed Tributary to Greens Bayou | Panels P67P--P68P |
| P156-00-00 | Unnamed Tributary to Greens Bayou | Panel P69P |

TABLE OF CONTENTS (Cont'd)

Exhibit 1 – Flood Profiles
VOLUME 8 – JANUARY 6, 2017

Cedar Bayou Watershed (O)

| HCFCD <u>Designation</u> | <u>Stream Name</u> | <u>Panels</u> |
|-----------------------------|----------------------------------|---------------------|
| Q100-00-00 | Cedar Bayou | Panels Q01P--Q09P* |
| Q101-00-00 | Pine Gully | Panel Q10P** |
| Q112-00-00 | Cary Bayou | Panels Q11P--Q12P |
| None | Horsepen Bayou (City of Baytown) | Panel Q13P(deleted) |
| Q114-00-00 | McGee Gully | Panels Q14P--Q15P |
| Q122-00-00 | Clawson Ditch | Panels Q16P--Q17P |
| Q128-00-00 | Adlong Ditch | Panels Q18P--Q20P |
| Q130-00-00 | Unnamed Tributary to Cedar Bayou | Panels Q21P--Q22P |
| Q200-00-00 | Cedar Bayou Diversion Channel | Panel Q23P** |

Jackson Bayou Watershed (R)

| | | |
|------------|-----------------------------------------|-------------------|
| R100-00-00 | Jackson Bayou | Panels R01P--R02P |
| R102-00-00 | Gum Gully | Panels R03P--R04P |
| R102-03-00 | Tributary 2.70 to Gum Gully | Panel R05P |
| R102-03-01 | Tributary 2.70 to Gum Gully (continued) | Panel R05P |
| R102-13-00 | Tributary 3.08 to Gum Gully | Panel R06P |

Luce Bayou Watershed (S)

| | | |
|------------|---------------|-------------------|
| S100-00-00 | Luce Bayou | Panels S01P--S04P |
| S110-00-00 | Shook Gully | Panels S05P--S06P |
| S114-00-00 | Mexican Gully | Panel S07P |

Barker Reservoir Watershed (T)

| | | |
|------------|----------------------------------------------------------------|-------------------|
| T100-00-00 | Upper Buffalo Bayou / Cane | Panel not printed |
| T100-00-00 | Cane Island Branch | Panels T01P--T03P |
| T101-00-00 | Mason Creek | Panels T04P--T06P |
| T101-03-00 | Tributary 4.96 to Mason Creek | Panels T07P--T08P |
| T101-10-00 | Unnamed Tributary to Mason Creek | Panel T06P |
| T103-00-00 | Tributary 52.9 to Upper Buffalo Bayou / Cane | Panels T09P--T10P |
| T103-01-00 | Tributary 2.17 to Tributary 52.9 to Upper Buffalo Bayou / Cane | Panel T11P |

* Some Panels Not Printed as Areas Superseded by 1-percent annual chance coastal flooding

** All Panels Not Printed as Areas Superseded by 1-percent annual chance coastal flooding

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Exhibit 1 – Flood Profiles

VOLUME 8 (cont'd)

Addicks Reservoir Watershed (U)

| HCFCD <u>Designation</u> | <u>Stream Name</u> | <u>Panels</u> |
|-----------------------------|----------------------------------------|-------------------|
| U100-00-00 | Langham Creek | Panels U01P--U06P |
| U101-00-00 | South Mayde Creek | Panels U07P--U12P |
| U101-07-00 | Tributary 9.4 to South Mayde Creek | Panels U14P--U15P |
| U101-22-00 | Unnamed Tributary to South Mayde Creek | Panels U12P--U13P |
| U102-00-00 | Bear Creek | Panels U16P--U20P |
| U102-01-00 | Unnamed Tributary to Bear Creek | Panels U21P--U22P |
| U106-00-00 | Horsepen Creek | Panels U23P--U25P |
| U120-00-00 | Dinner Creek | Panels U26P--U27P |
| U200-00-00 | Addicks Reservoir Diversion Channel | Panel U01P |
| U202-01-00 | Bear Creek Diversion Channel | Panel U16P |
| W167-01-00 | Tributary 3.9 to Turkey Creek | Panel U28P |

Buffalo Bayou Watershed (W)

| | | |
|------------|-------------------------------------------------------|-------------------|
| W100-00-00 | Buffalo Bayou | Panels W01P--W14P |
| W140-00-00 | Spring Branch | Panels W15P--W16P |
| W140-01-00 | Briar Branch | Panels W17P--W18P |
| W141-00-00 | Soldiers Creek | Panels W19P--W20P |
| W142-00-00 | Bering Ditch | Panel W21P |
| W156-00-00 | Rummel Creek | Panels W22P--W23P |
| W157-00-00 | Unnamed Tributary to Buffalo Bayou | Panels W24P--W25P |
| W167-00-00 | Turkey Creek | Panel W26P |
| W167-04-00 | Continuation of Turkey Creek | Panels W26P--W29P |
| W167-01-00 | Tributary 3.9 to Turkey Creek (See Addicks Watershed) | N/A |
| W170-00-00 | Unnamed Tributary to Buffalo Bayou | Panels W30P--W32P |
| W190-00-00 | Clodine Ditch | Panels W33P--W34P |

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Exhibit 2 – 0.2-Percent Annual Chance Wave Envelope Profiles*

*not all Coastal Transects have 0.2-Percent Annual Chance Wave Envelope Profile – for those transects that do not appear in the FIS there was no starting 0.2- Percent Annual Chance Stillwater Elevation

VOLUME 9 – JANUARY 6, 2017

Coastal Transects

Transects 1 – 41

Panels

Panels 01P -- 84P

VOLUME 10 – JANUARY 6, 2017

Coastal Transects

Transects 42 – 95

Panels

Panels 85P -- 168P

VOLUME 11 – JANUARY 6, 2017

Coastal Transects

Transects 96 – 166

Panels

Panels 169P -- 253P

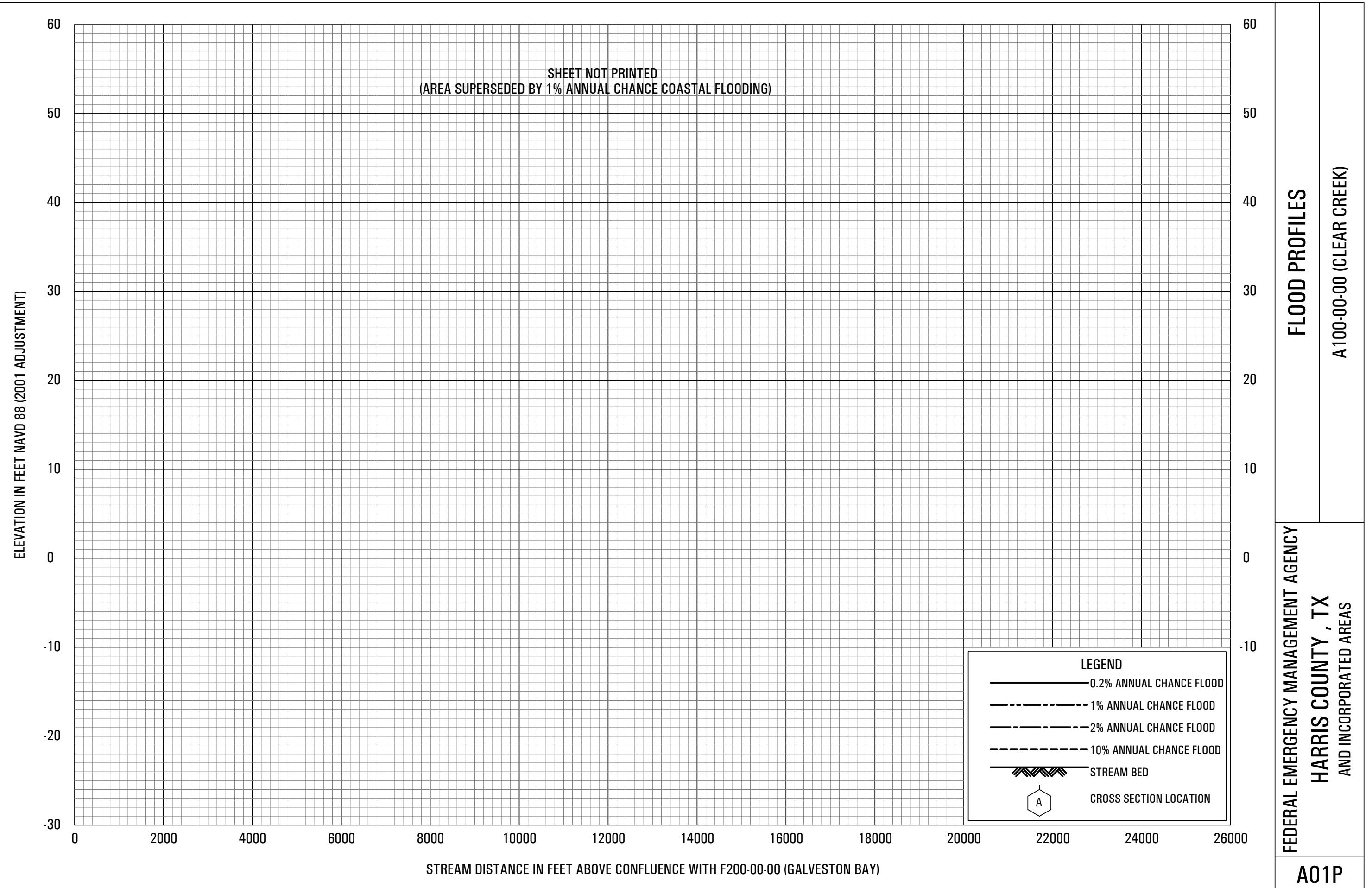
VOLUME 12 – JANUARY 6, 2017

Coastal Transects

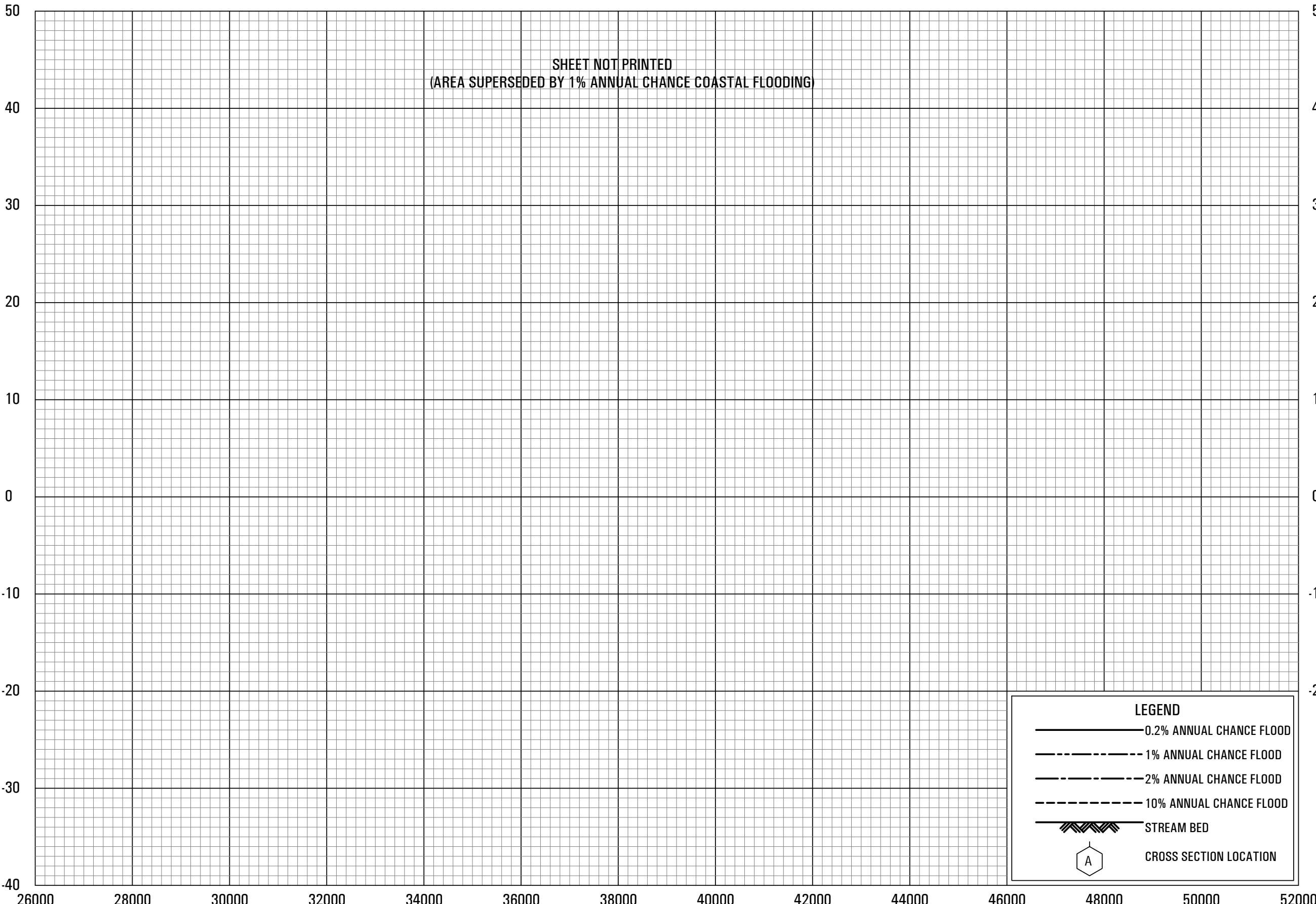
Transects 167 – 180

Panels

Panels 254P -- 279P



ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



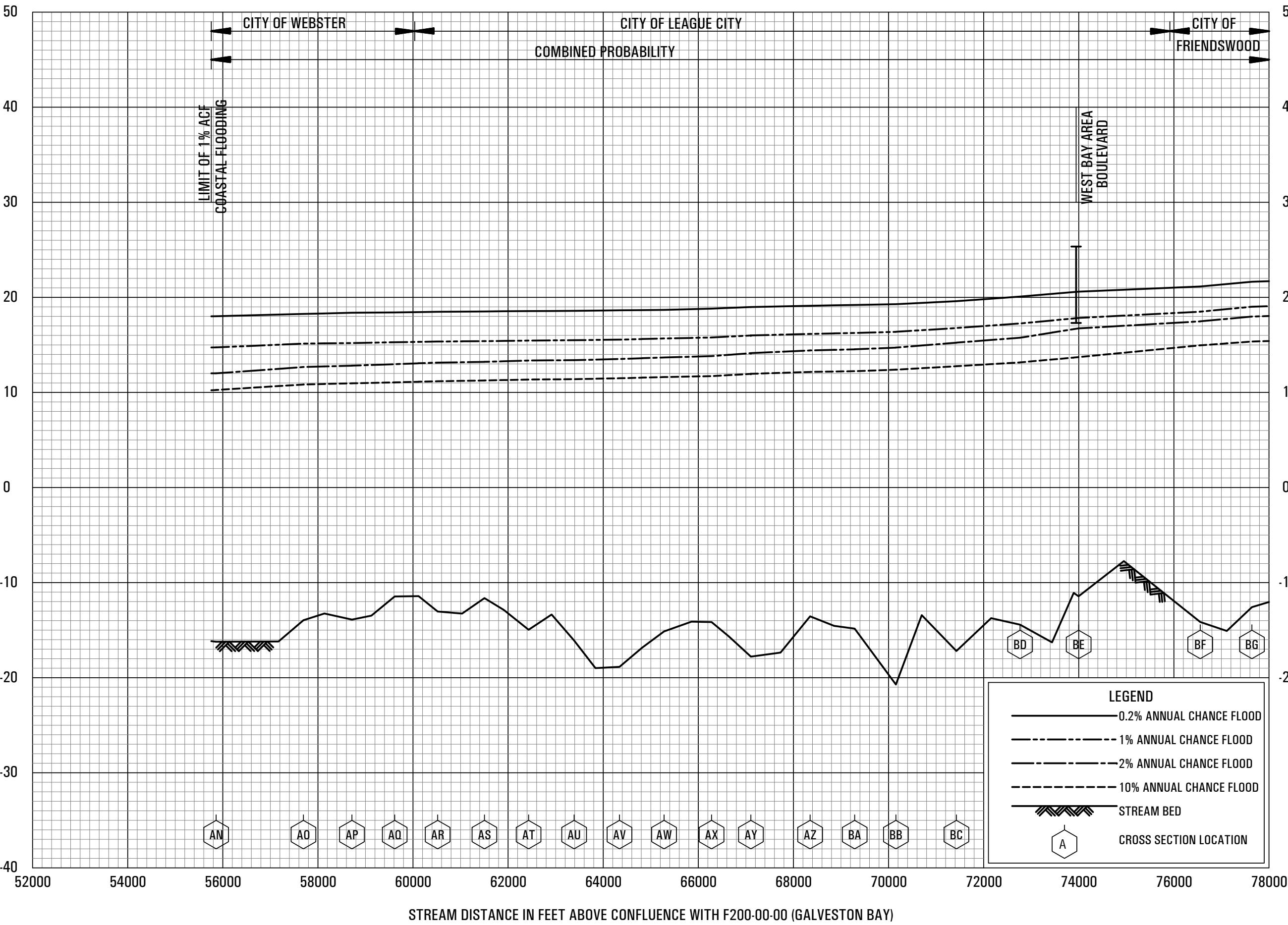
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

A100-00-00 (CLEAR CREEK)

A02P

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

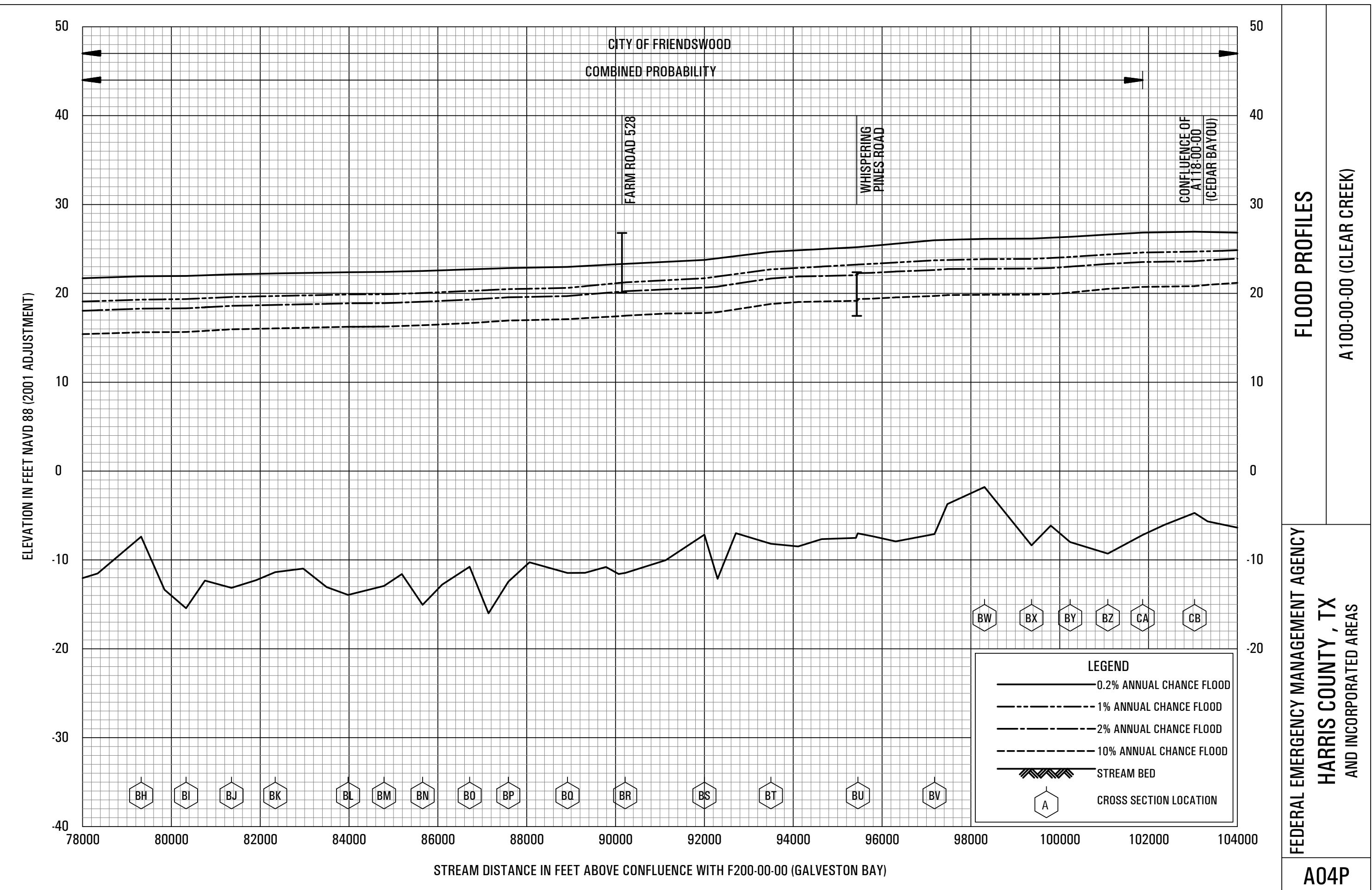


A03P

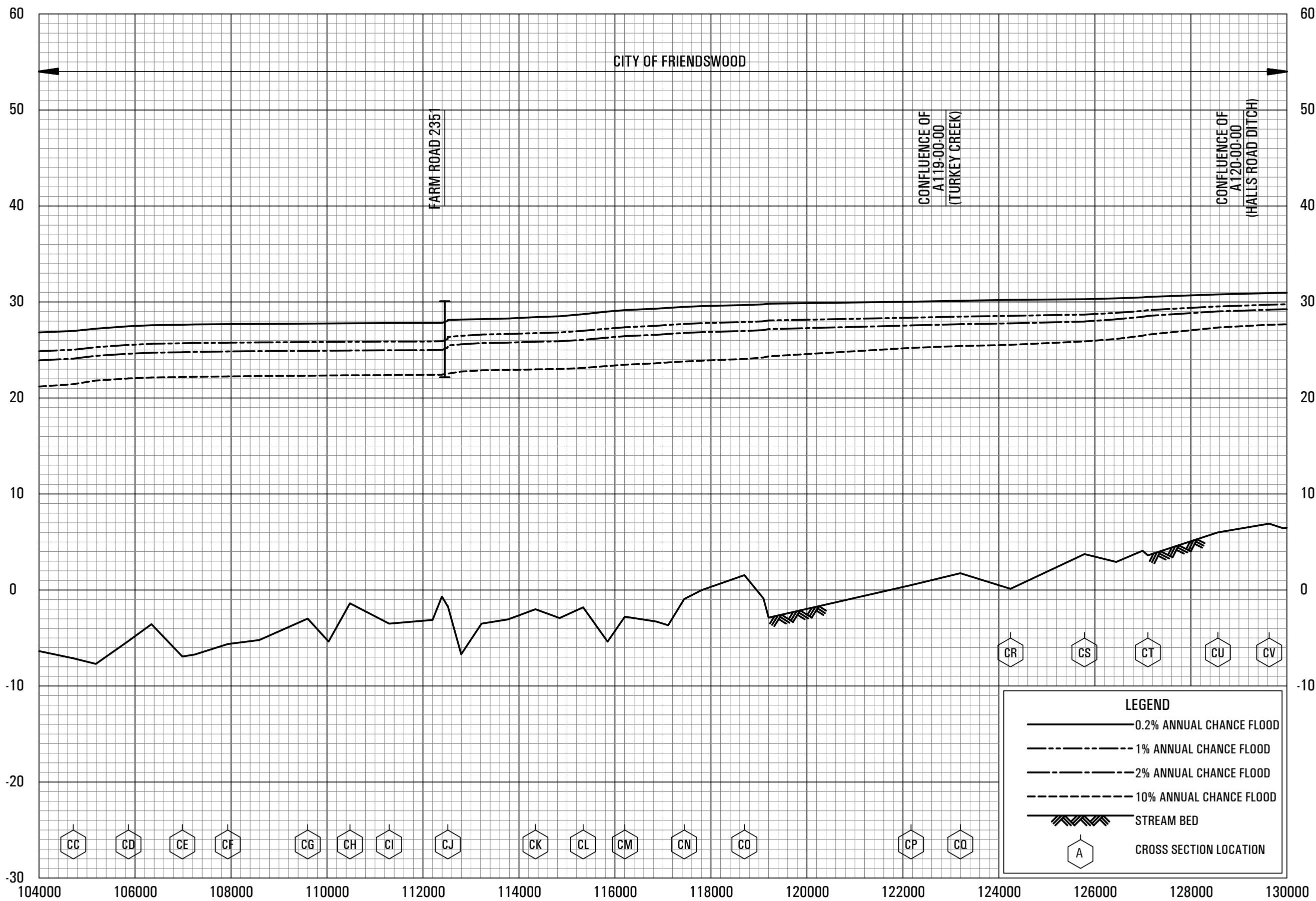
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

A100-00-00 (CLEAR CREEK)



ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



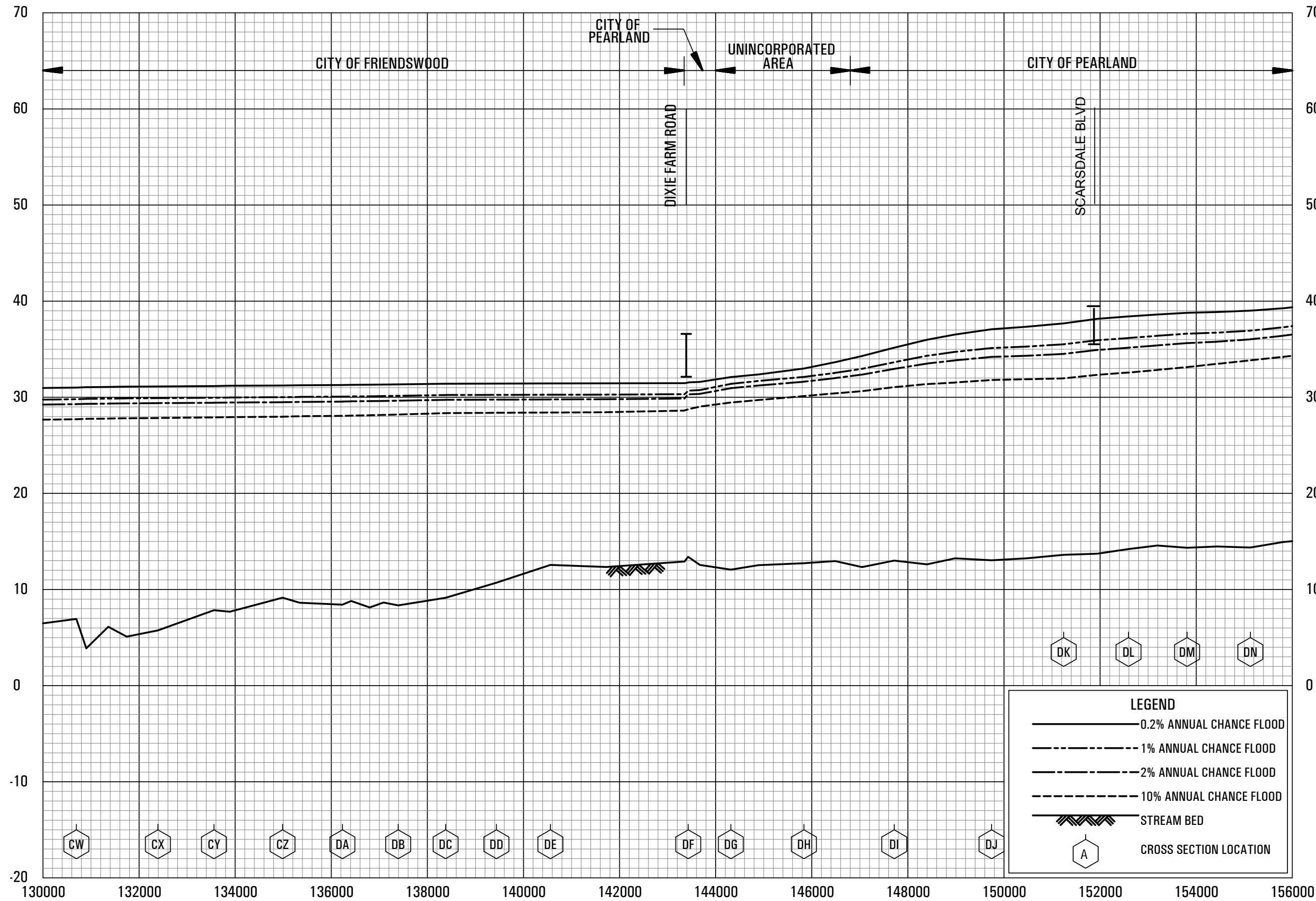
A05P

FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

A100-00-00 (CLEAR CREEK)

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

A100-00-00 (CLEAR CREEK)

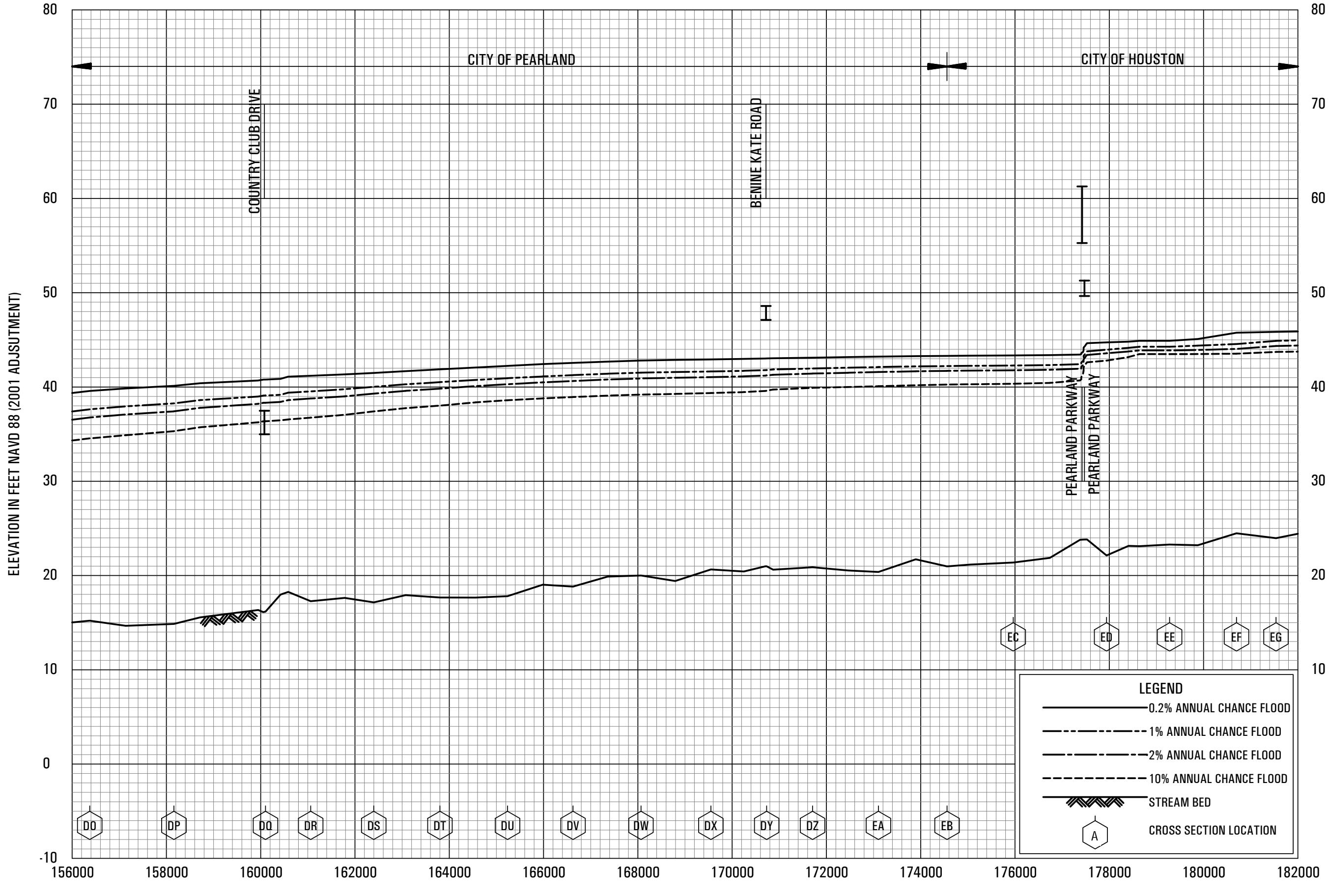
A06P

A100-00-00 (CLEAR CREEK)

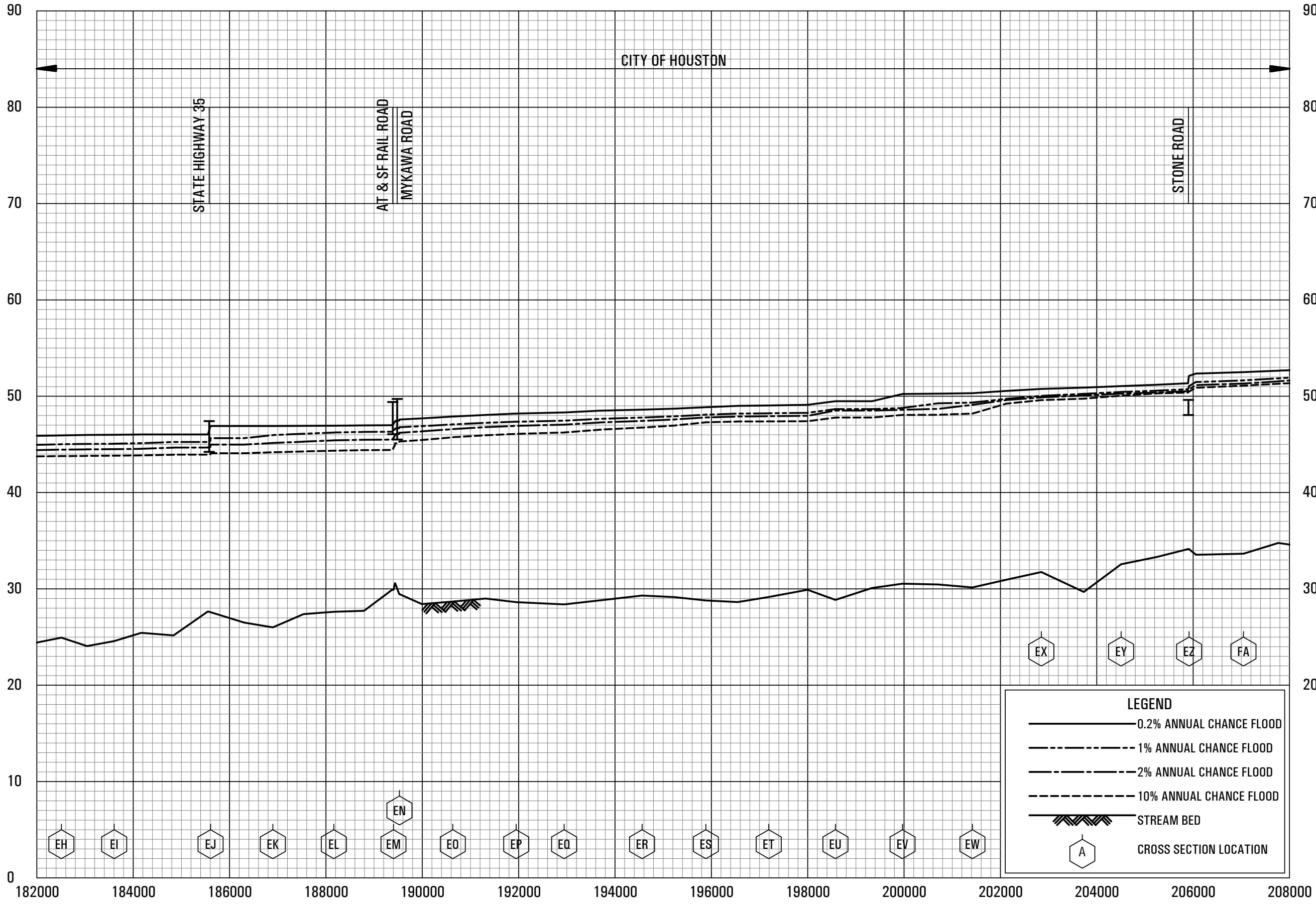
FLOOD PROFILES

FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

A07P



ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

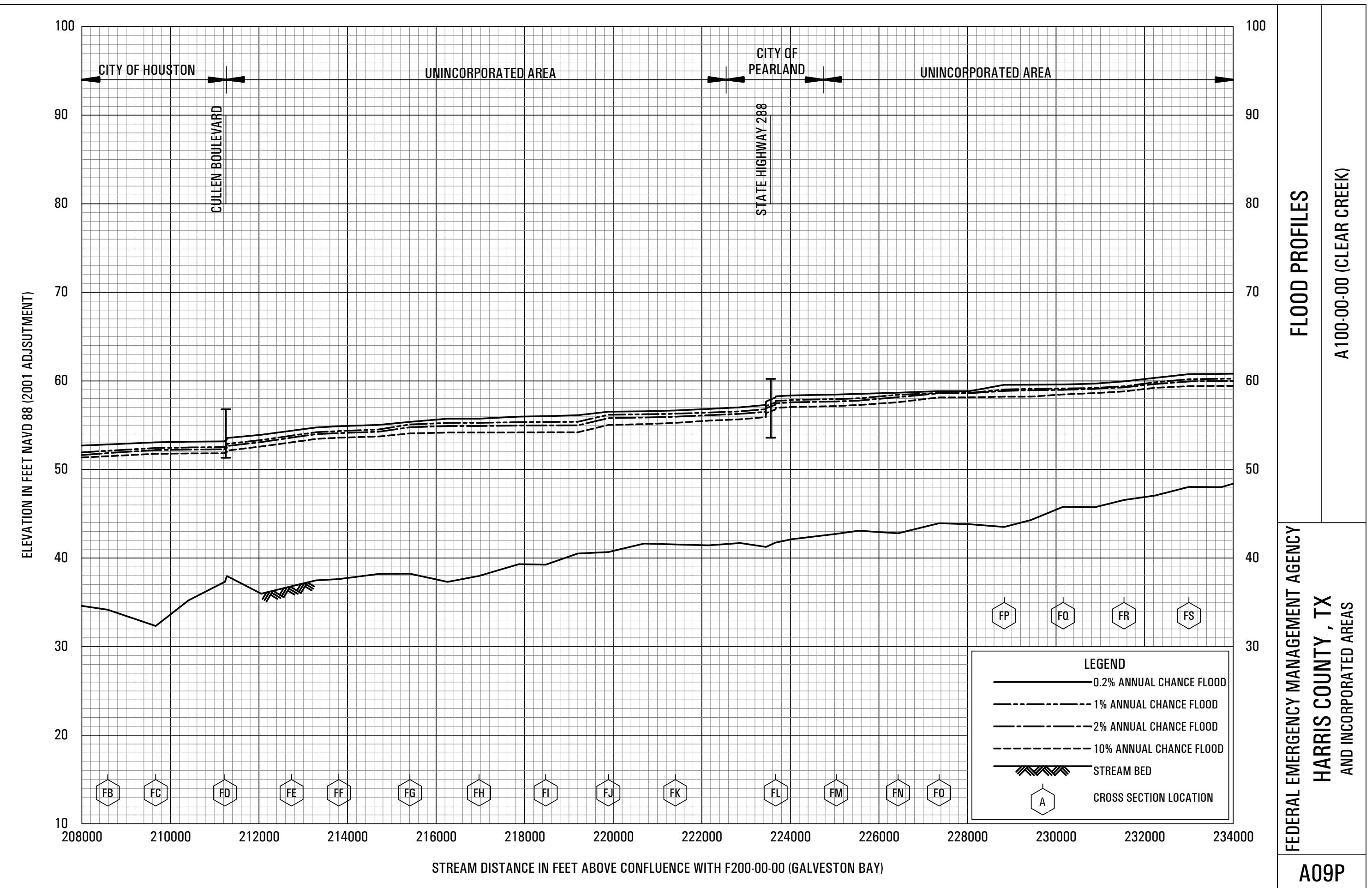


FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

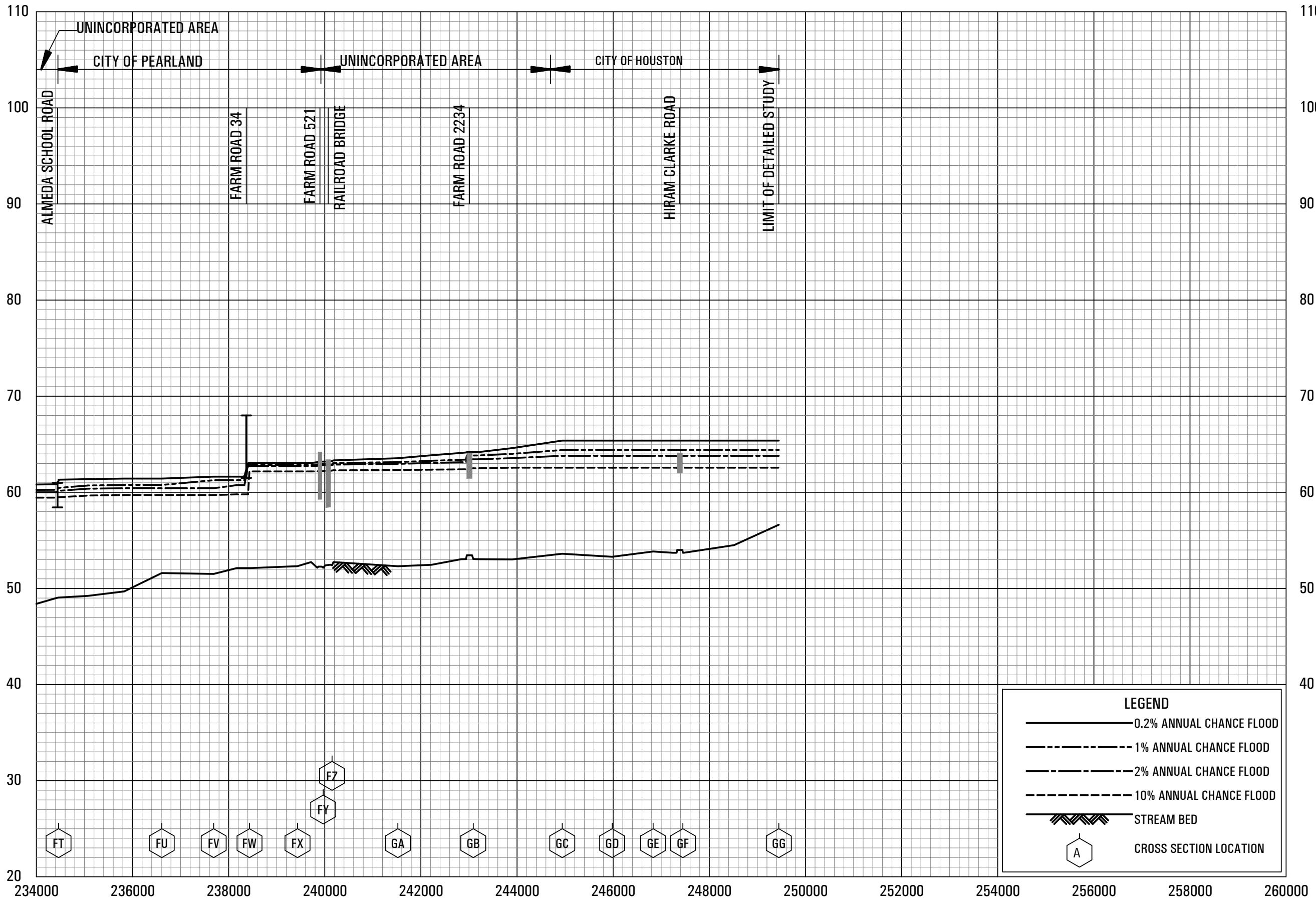
FLOOD PROFILES

A100-00-00 (CLEAR CREEK)

A08P



ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

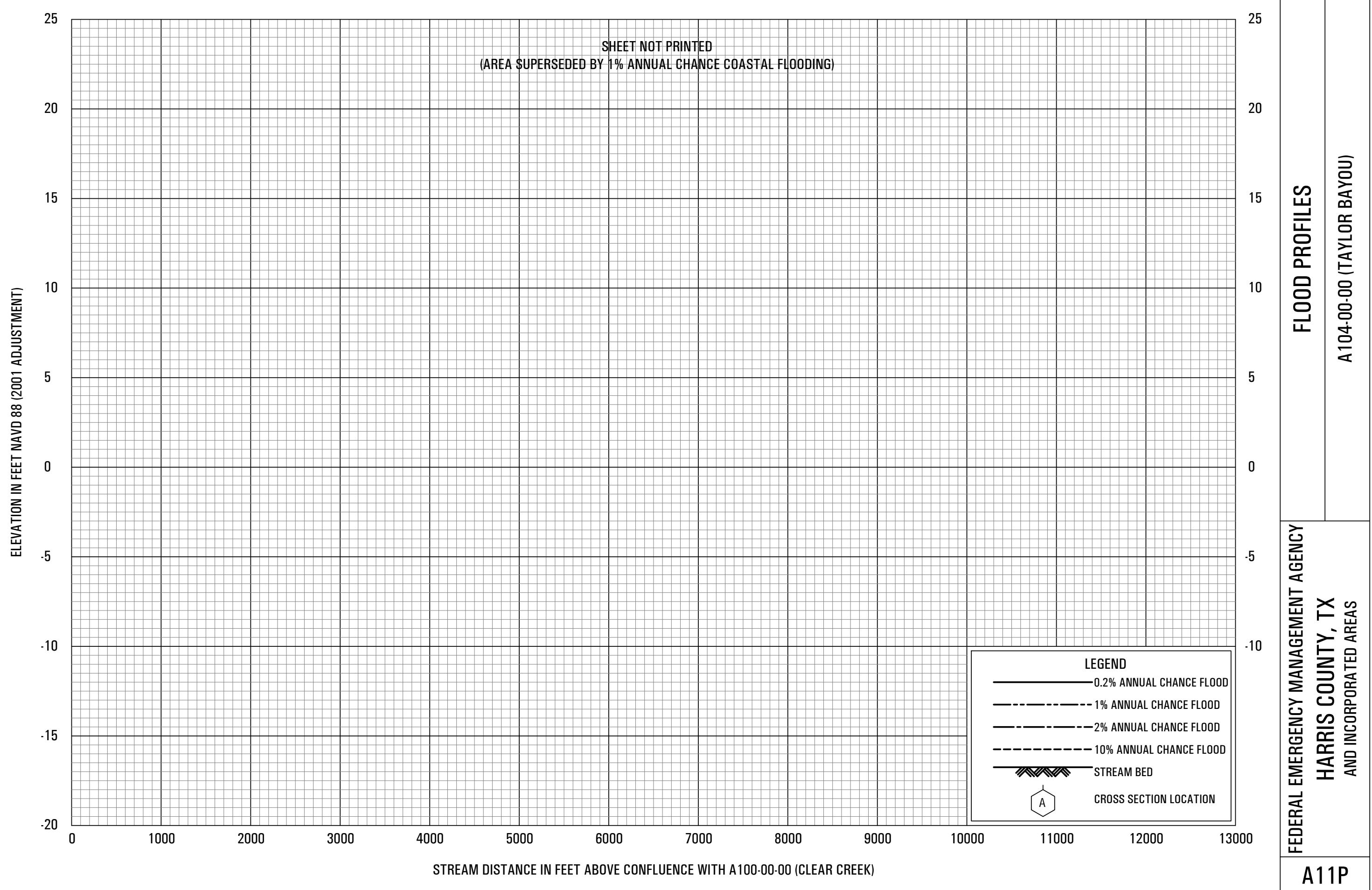


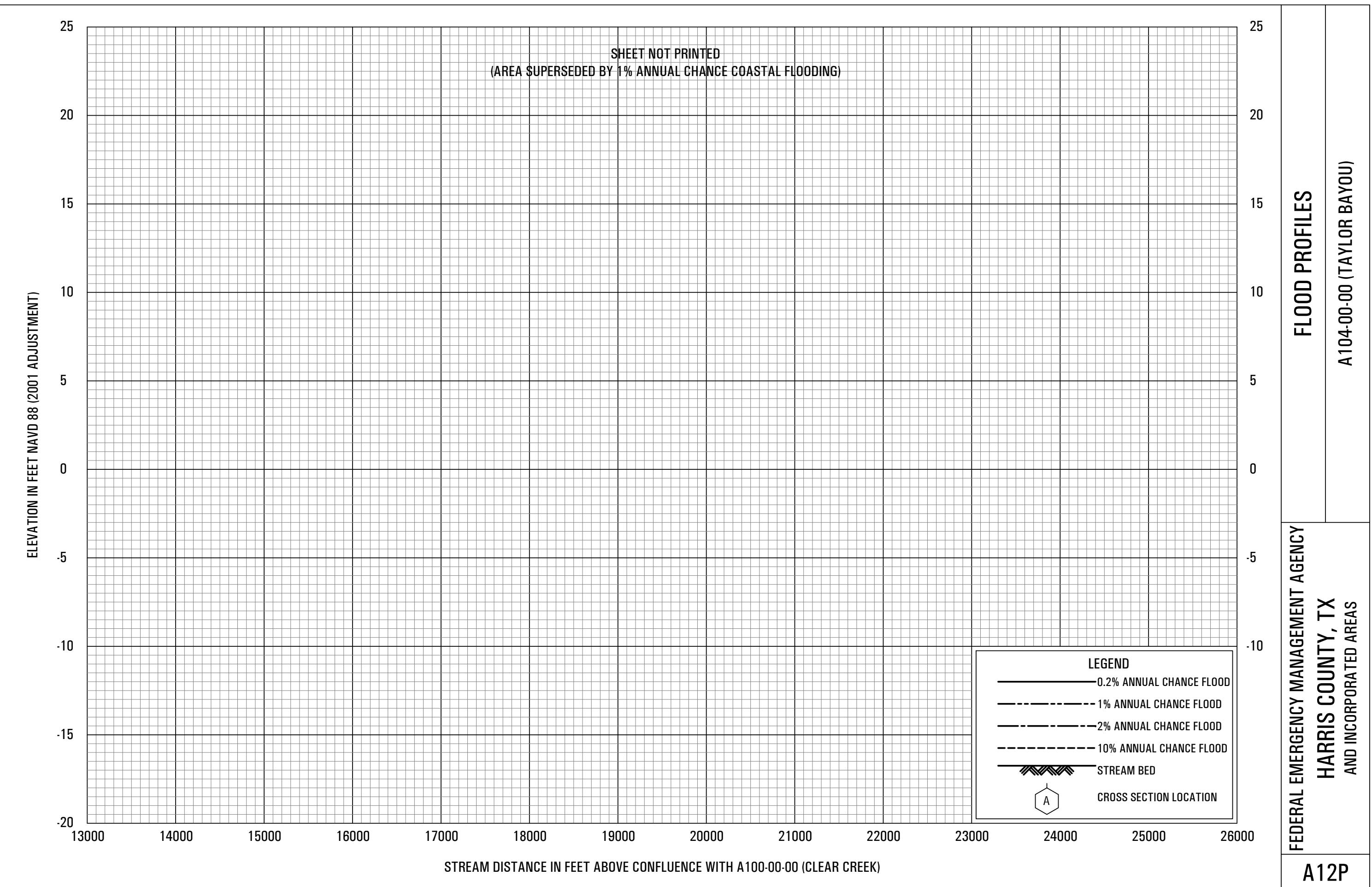
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

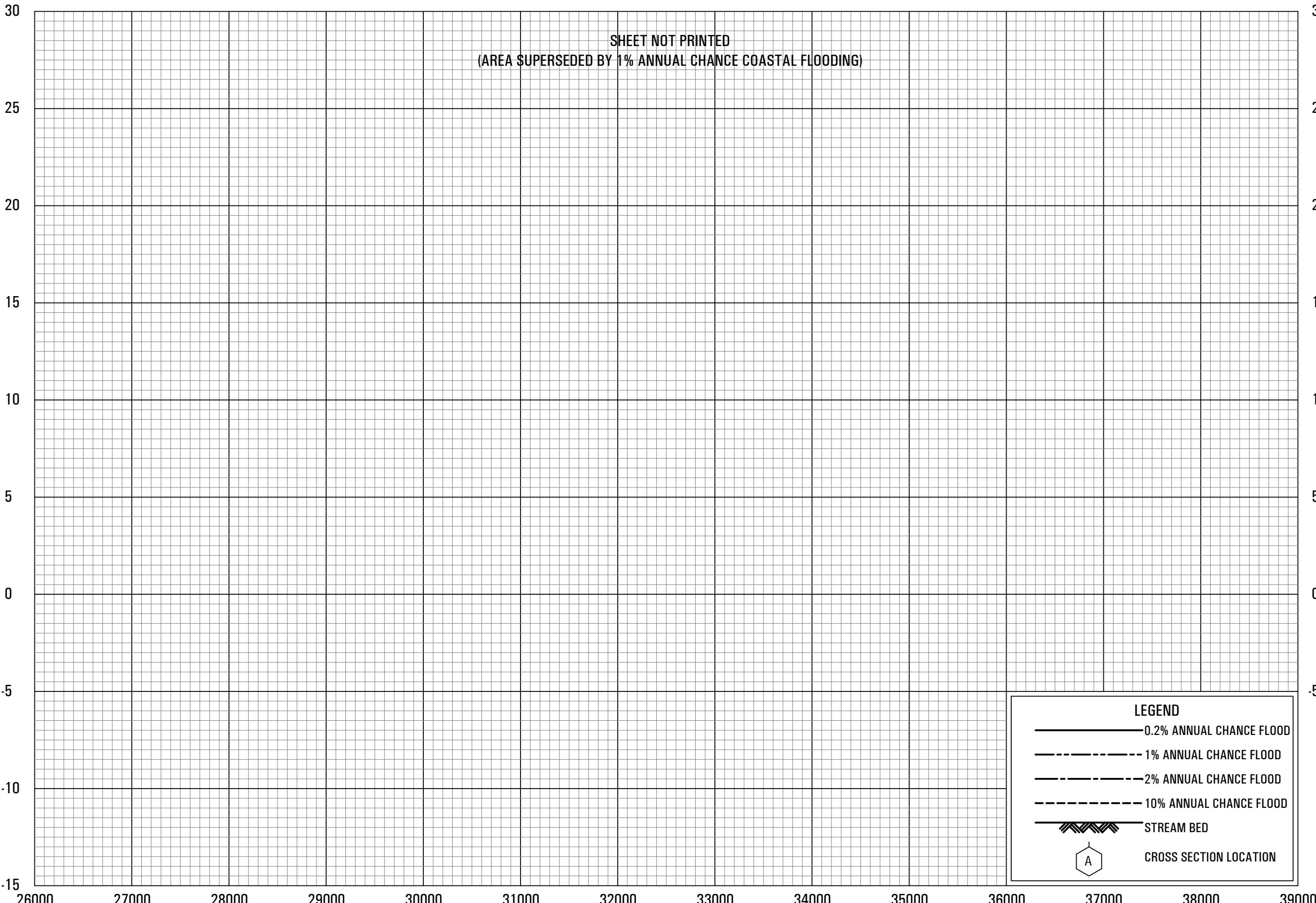
A100-00-00 (CLEAR CREEK)

A10P





ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



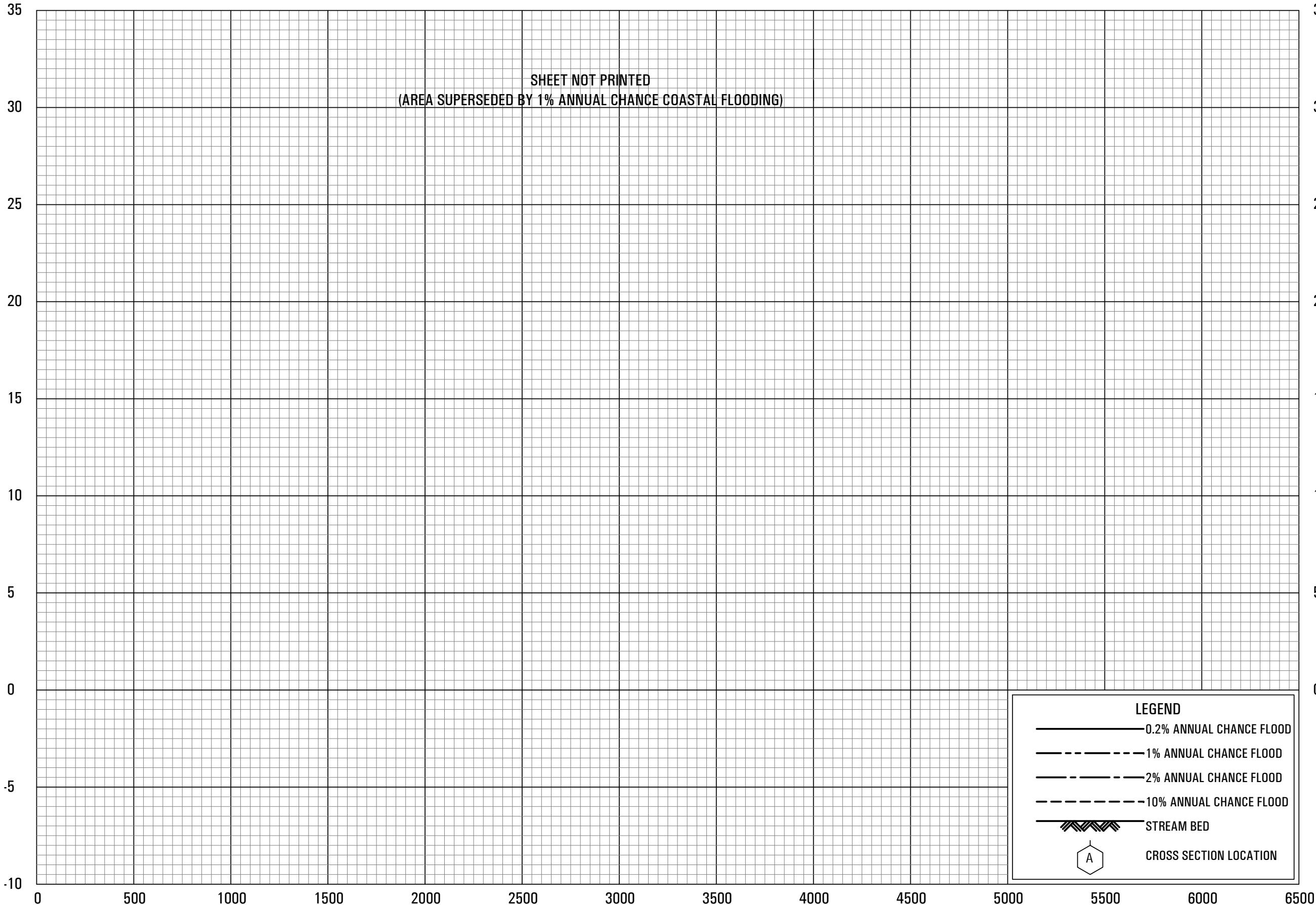
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

A104-00-00 (TAYLOR BAYOU)

A13P

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



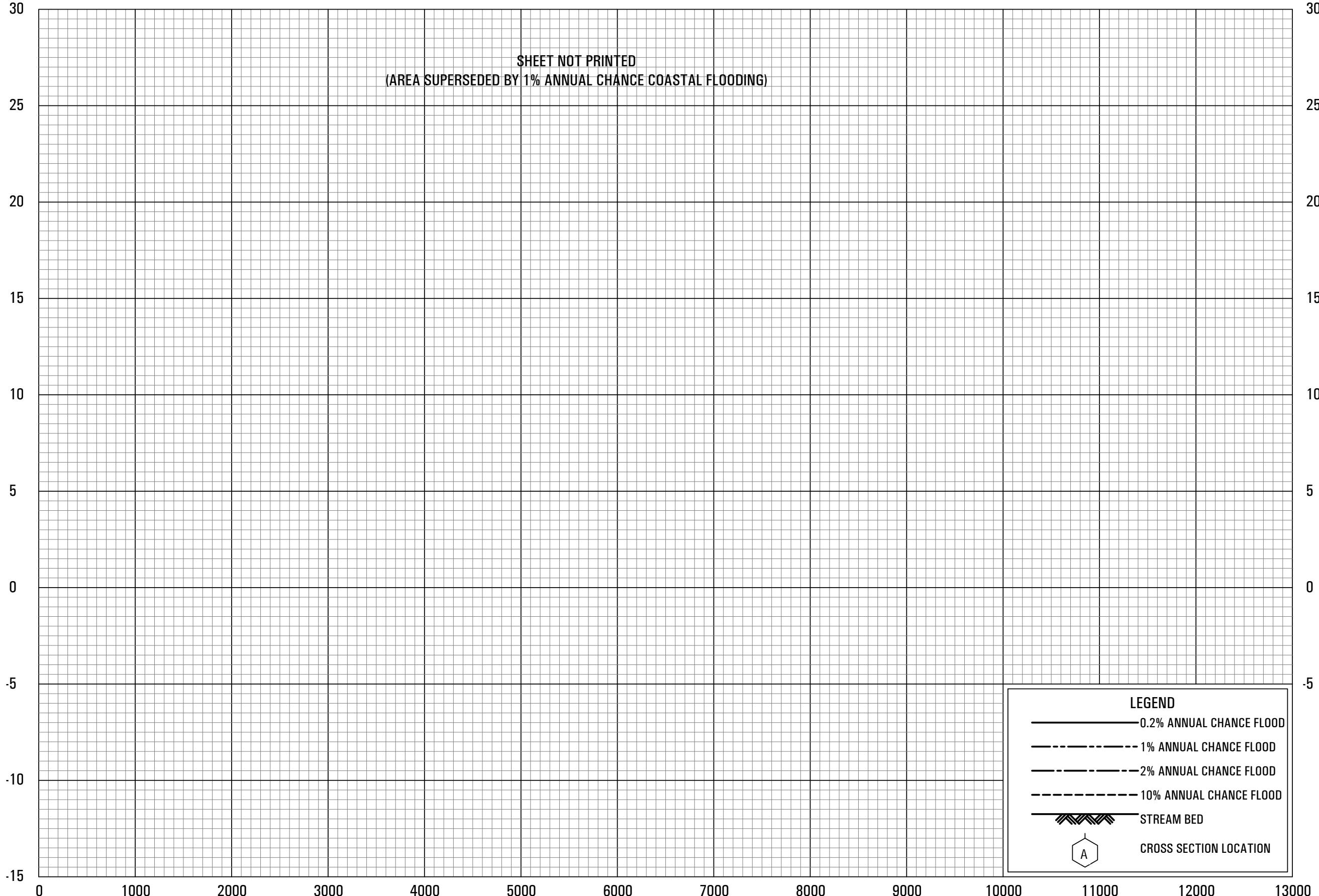
A14P

FLOOD PROFILES

A104-04-00 (TRIBUTARY 3.10 TO TAYLOR BAYOU)

FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



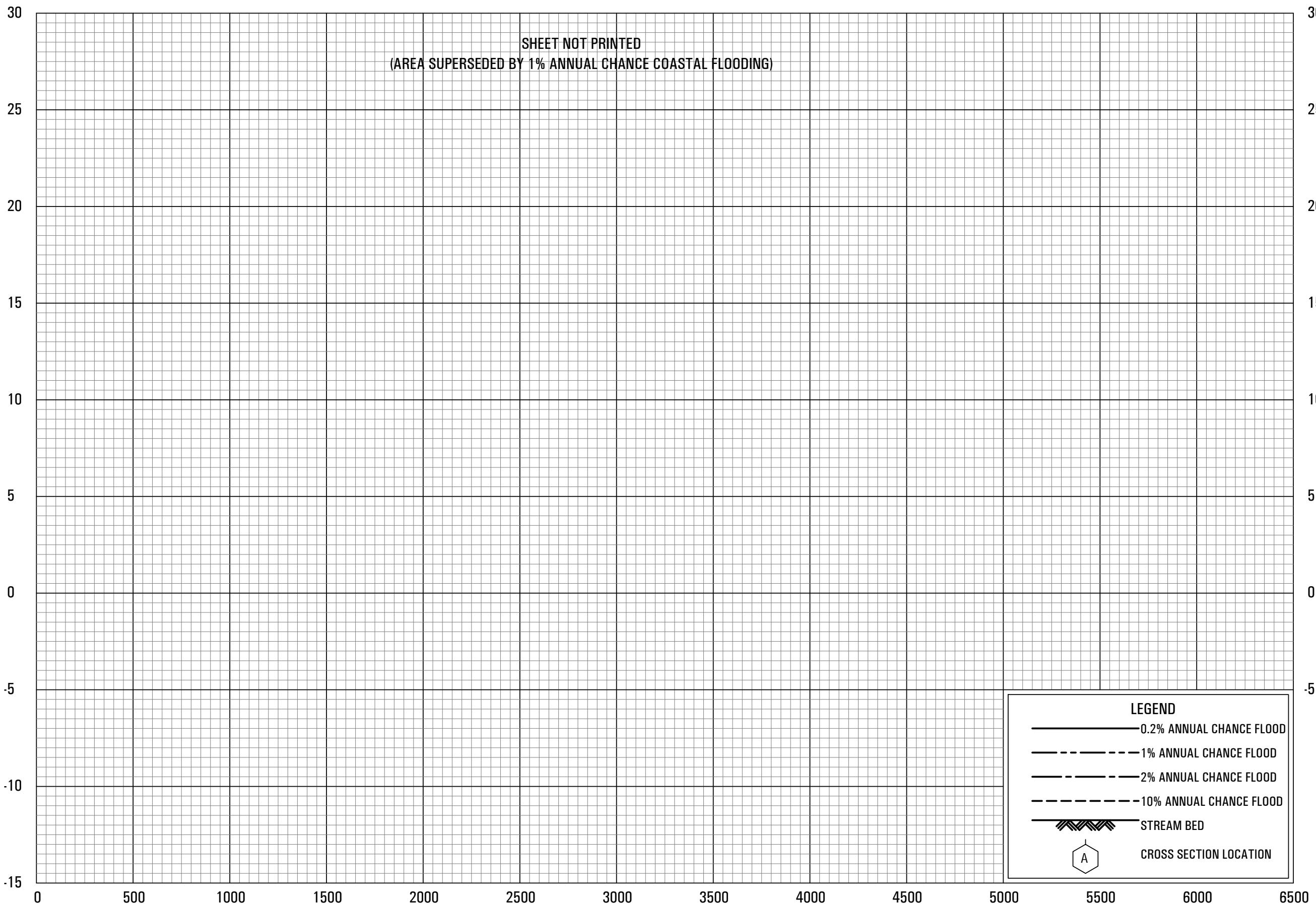
A15P

FLOOD PROFILES

A104-07-00 (TRIBUTARY 3.93 TO TAYLOR BAYOU)

FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



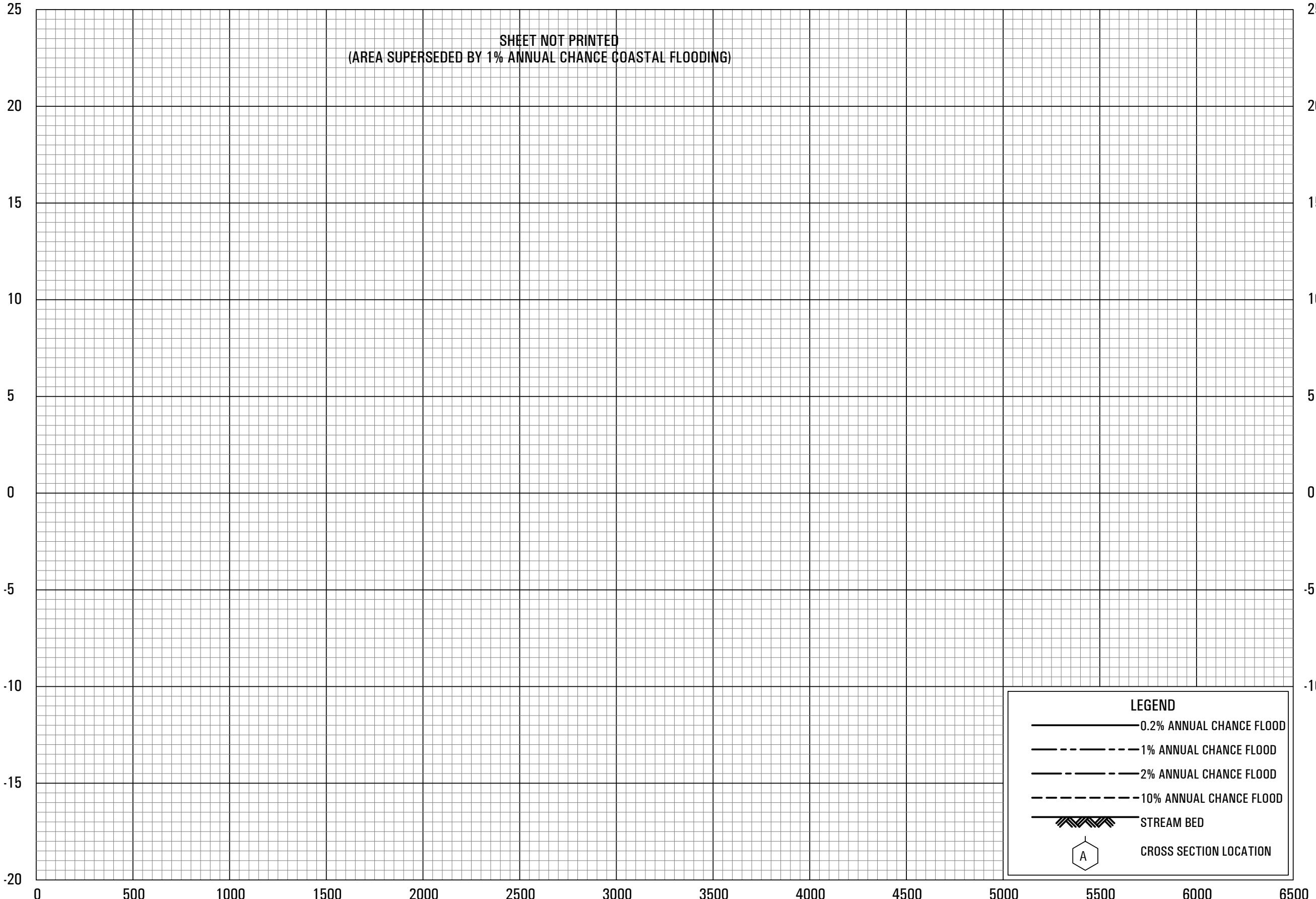
A16P

FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

A104-13-00 (TRIBUTARY 3.36 TO TAYLOR BAYOU)

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH F300-00-00 (BAYPORT CHANNEL)

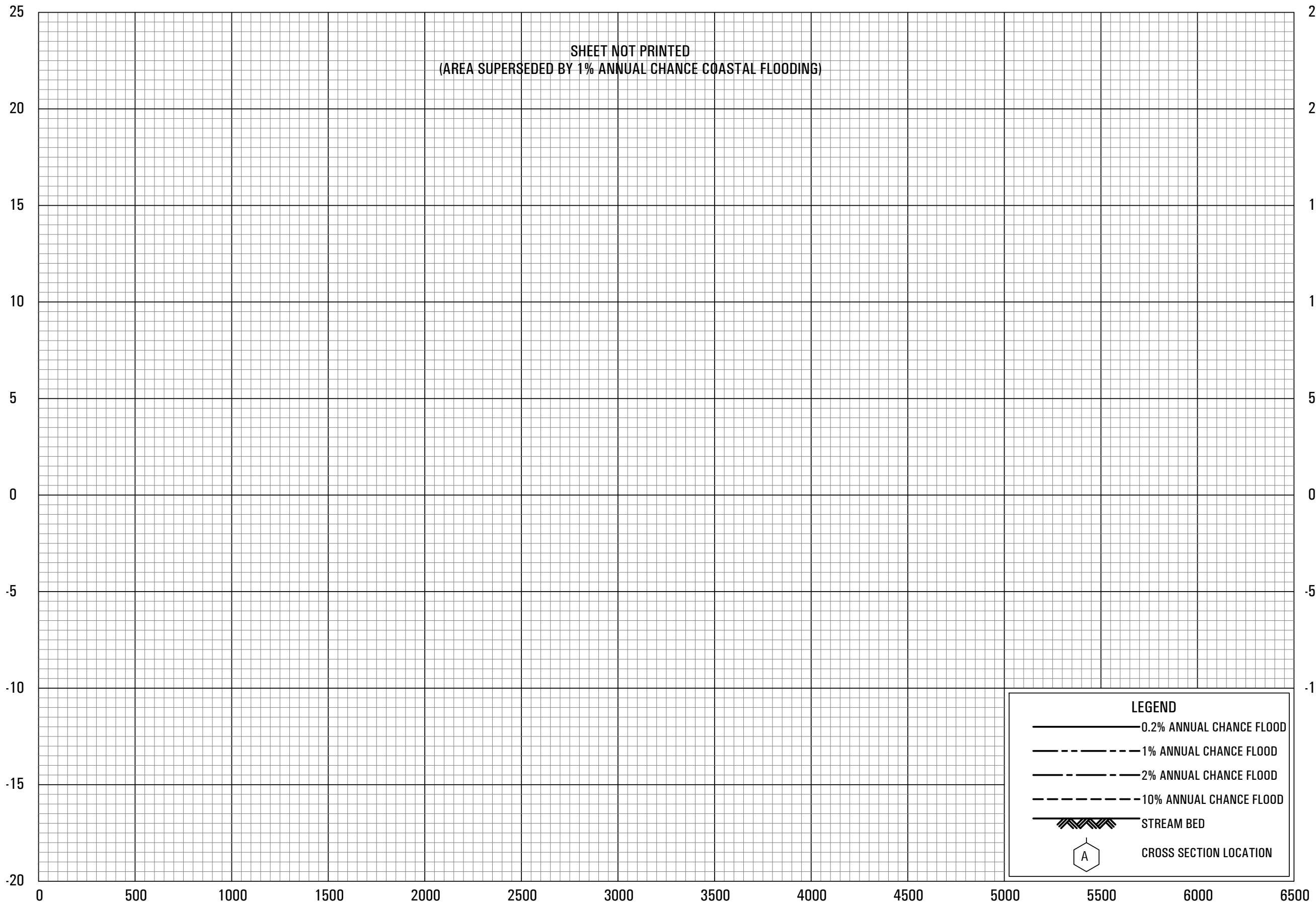
FLOOD PROFILES

A104-14-00 (TAYLOR BAYOU DIVERSION CHANNEL)

FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

A17P

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



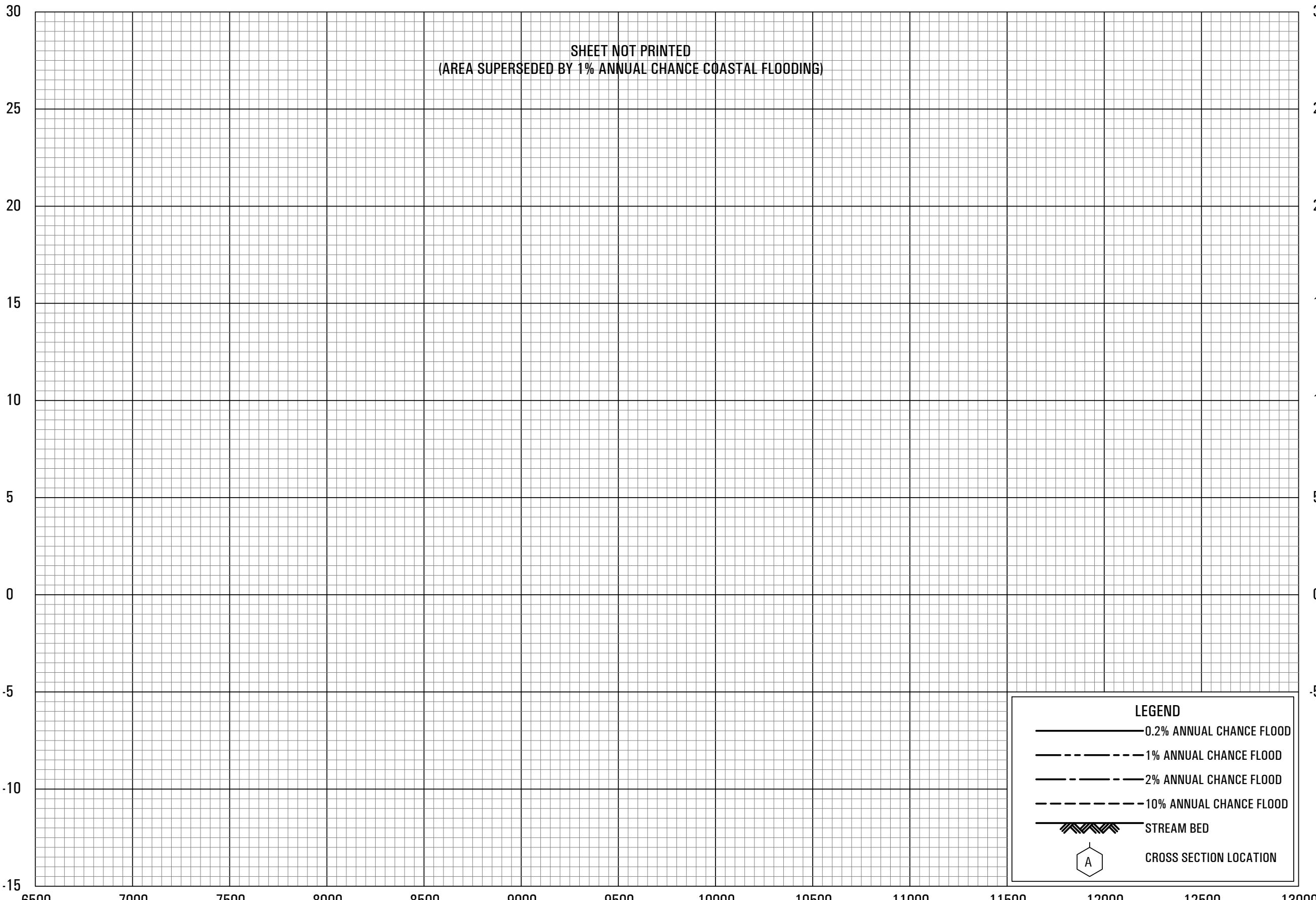
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

A107-00-00 (COW BAYOU)

A18P

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



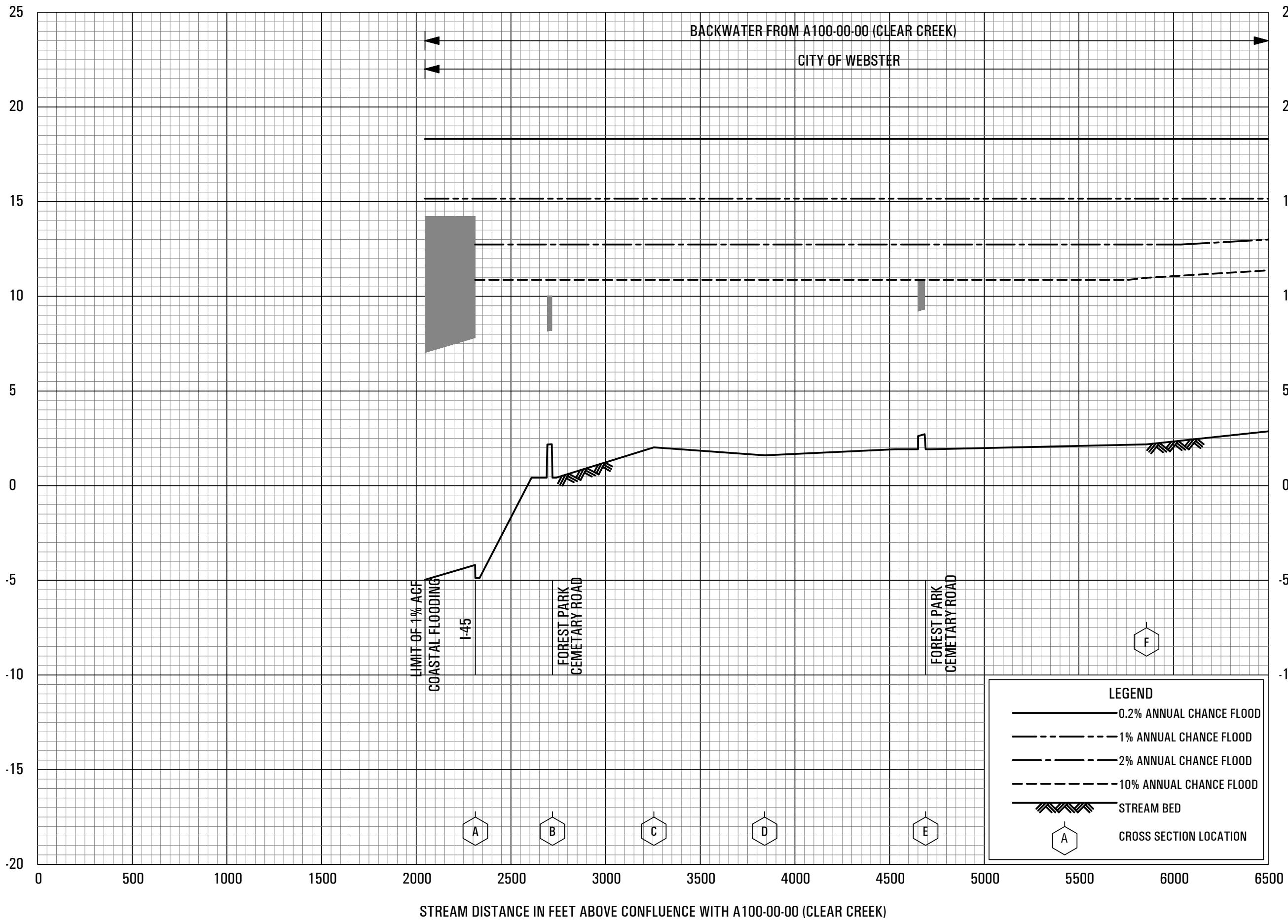
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

A19P

FLOOD PROFILES

A107-00-00 (COW BAYOU) AND
A107-03-00 (UNNAMED TRIBUTARY TO COW BAYOU)

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

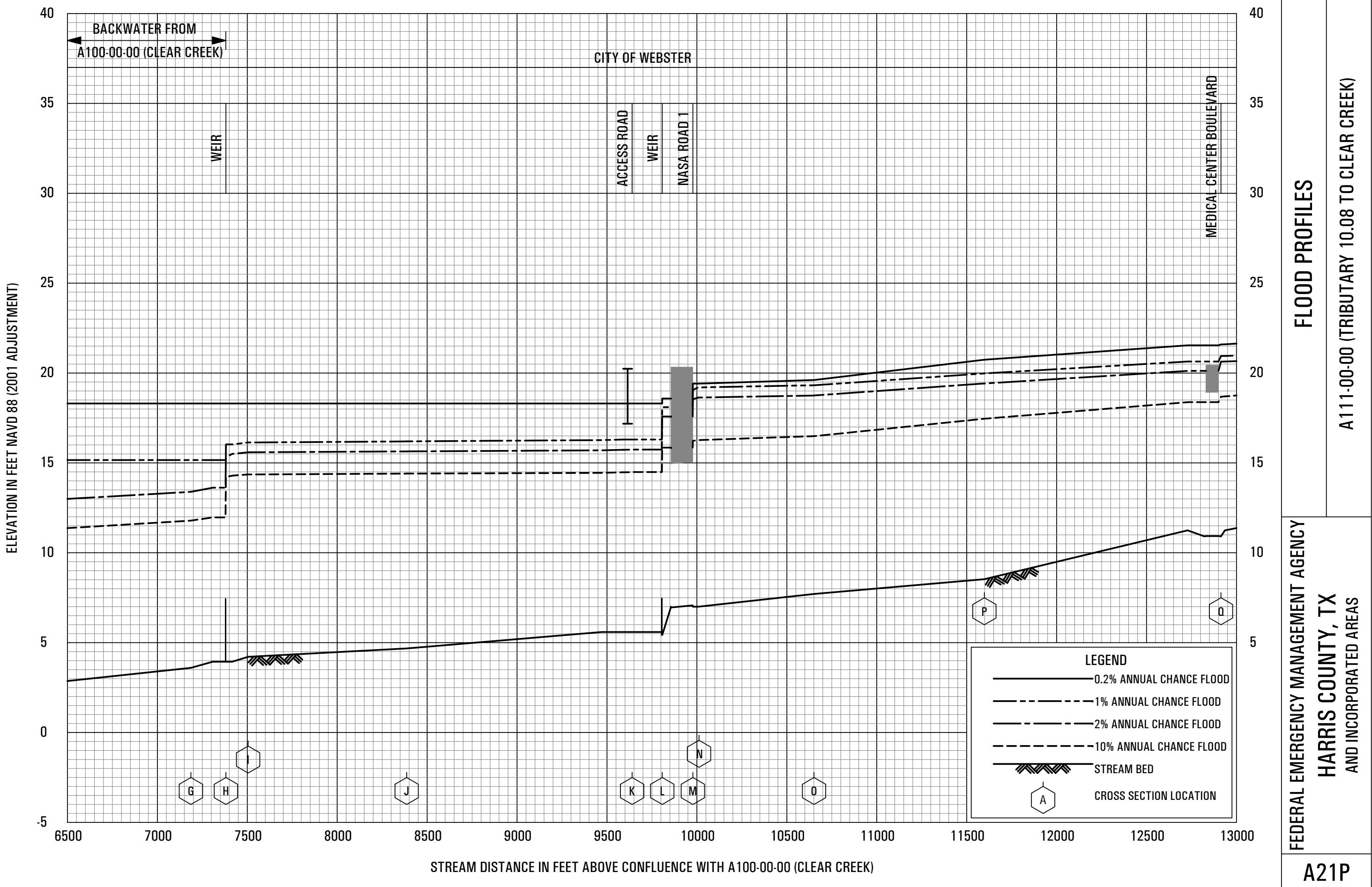


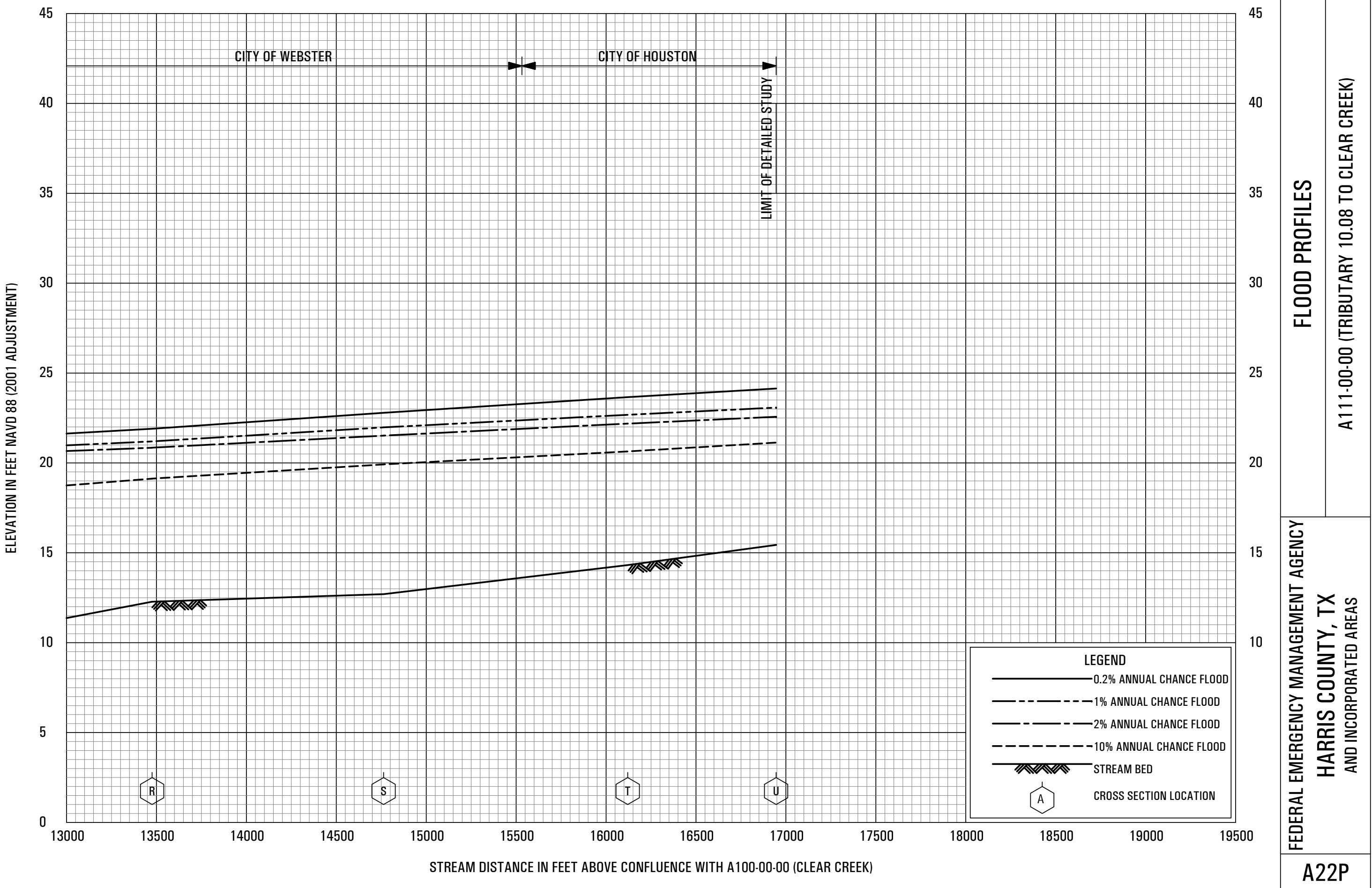
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

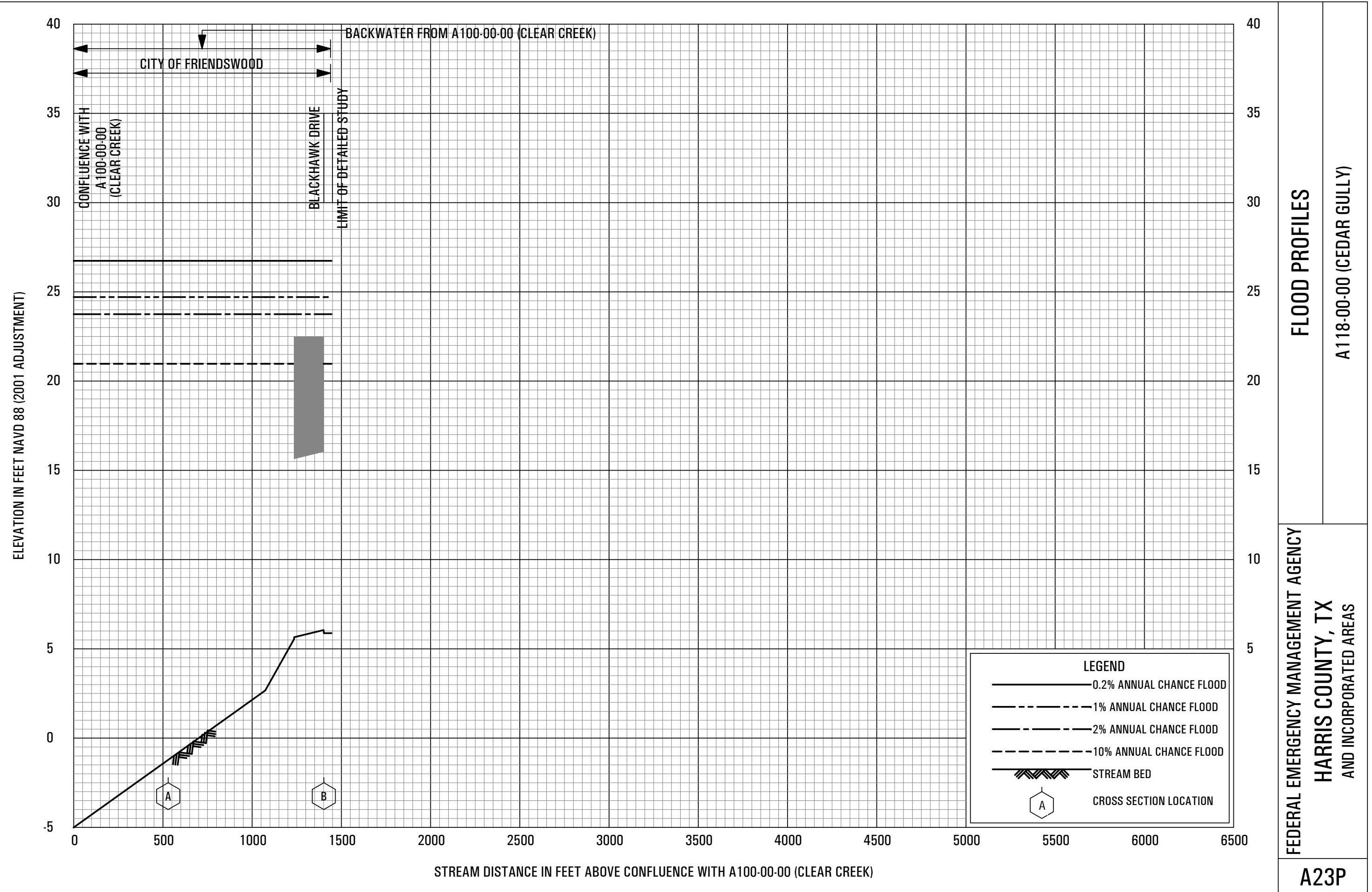
A20P

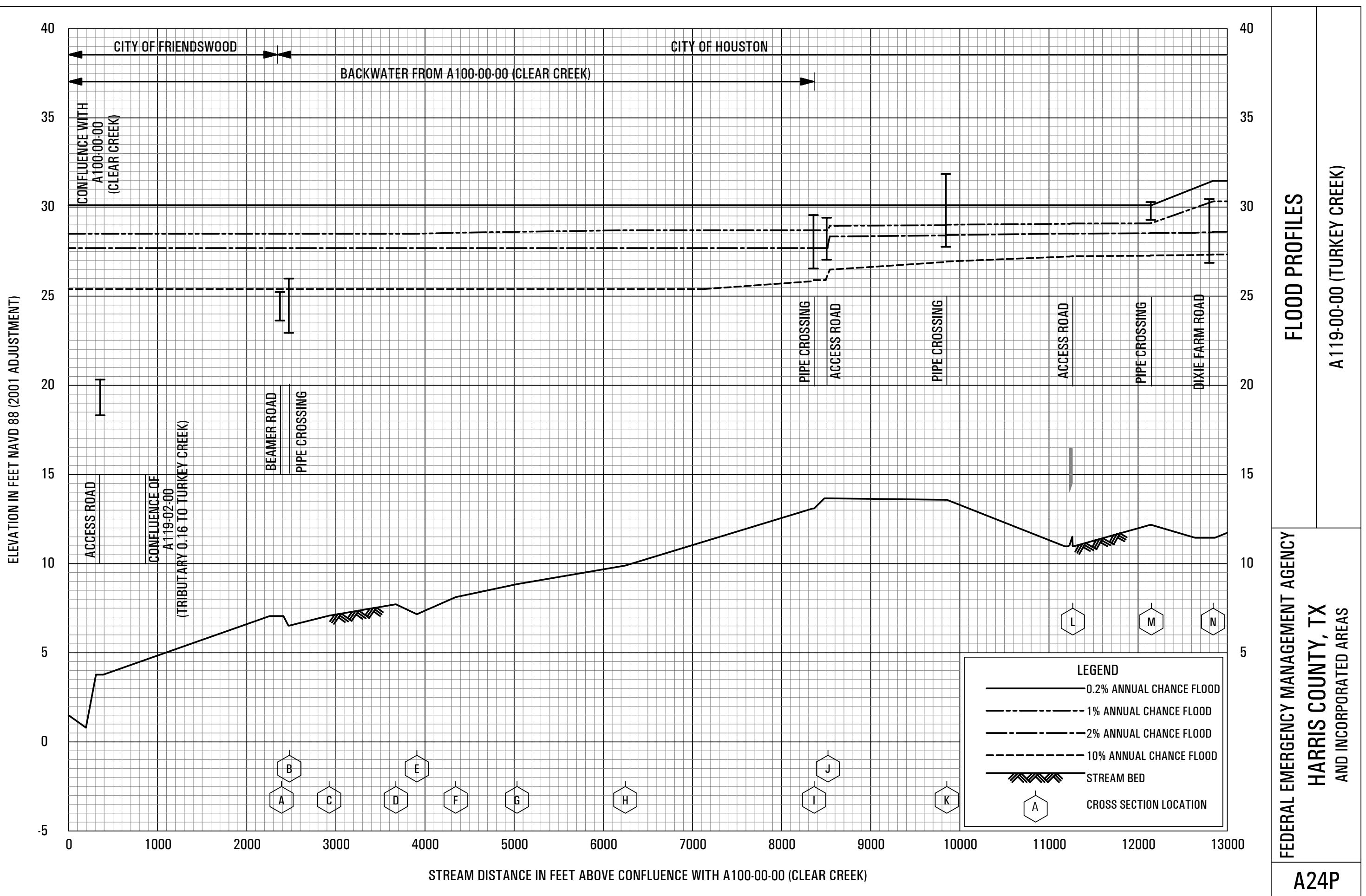
FLOOD PROFILES

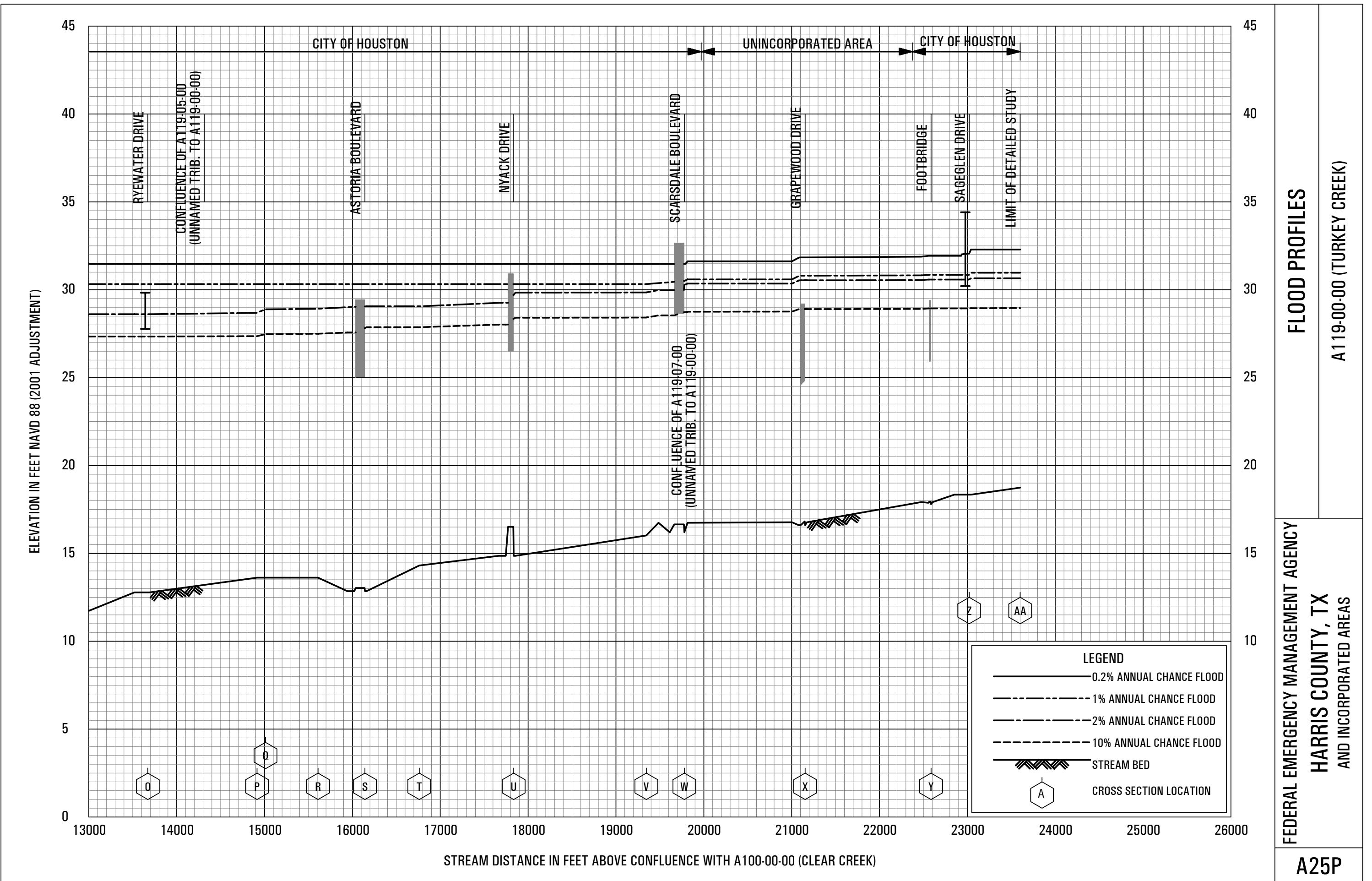
A111-00-00 (TRIBUTARY 10.08 TO CLEAR CREEK)



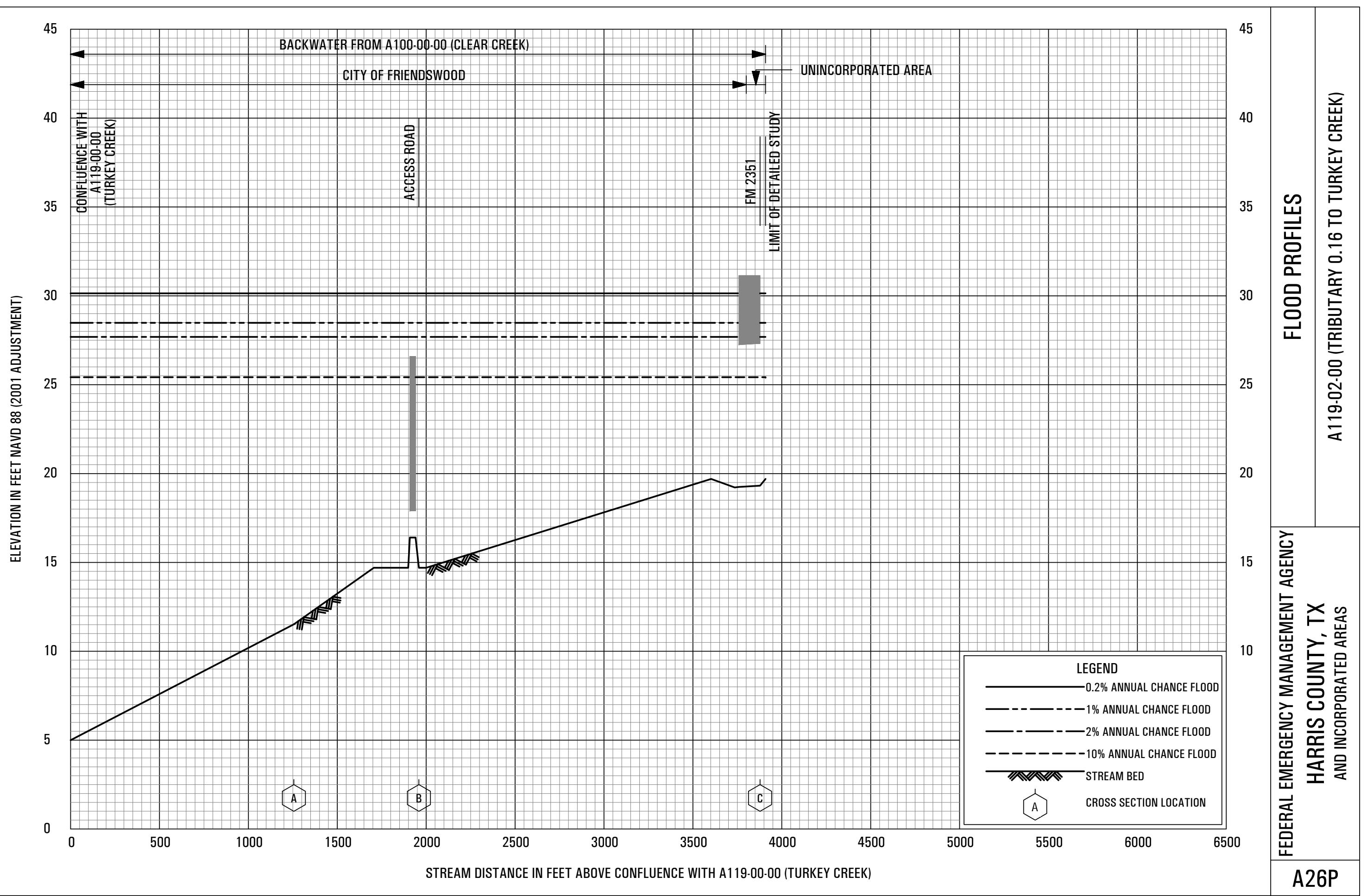




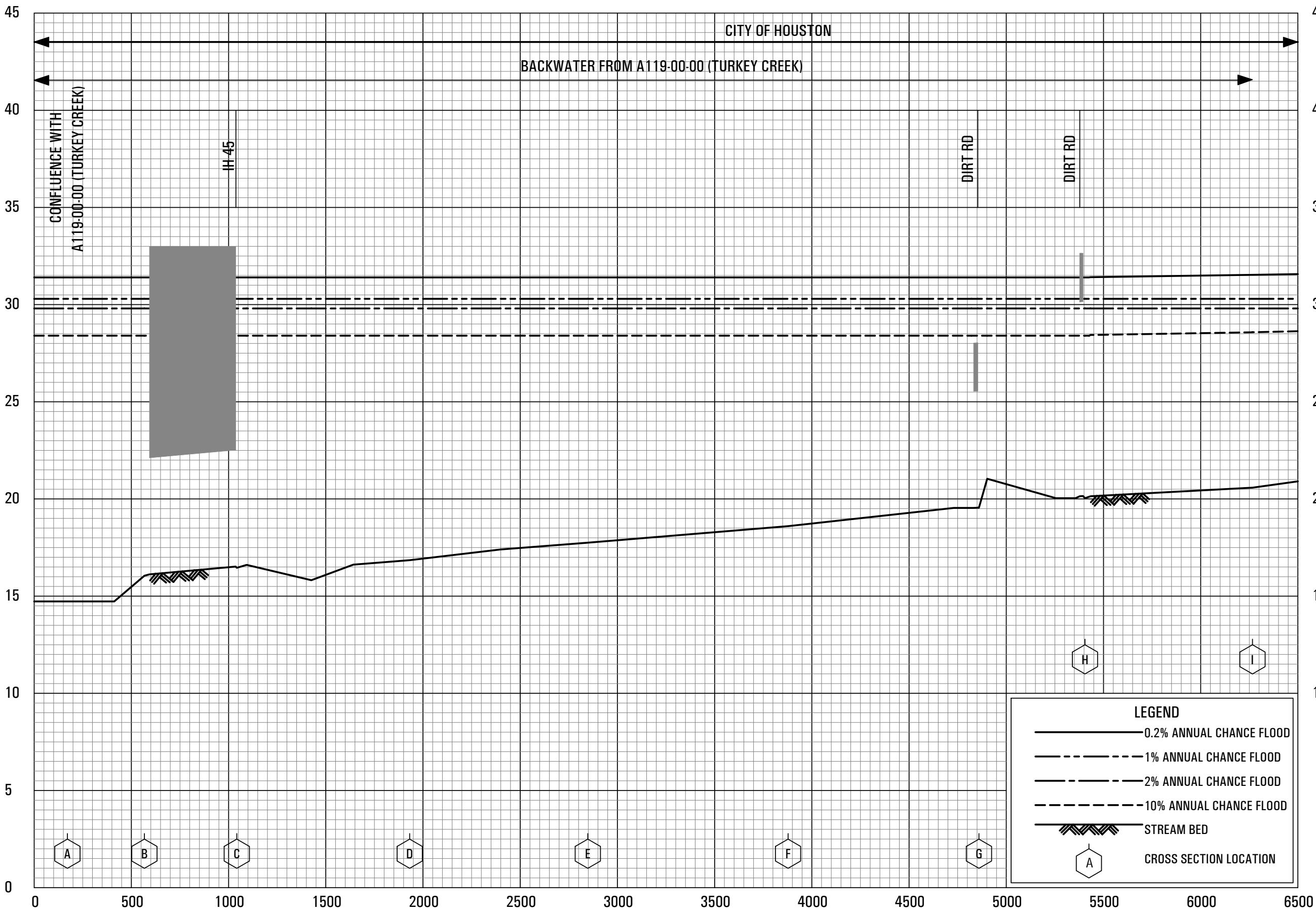




A25P



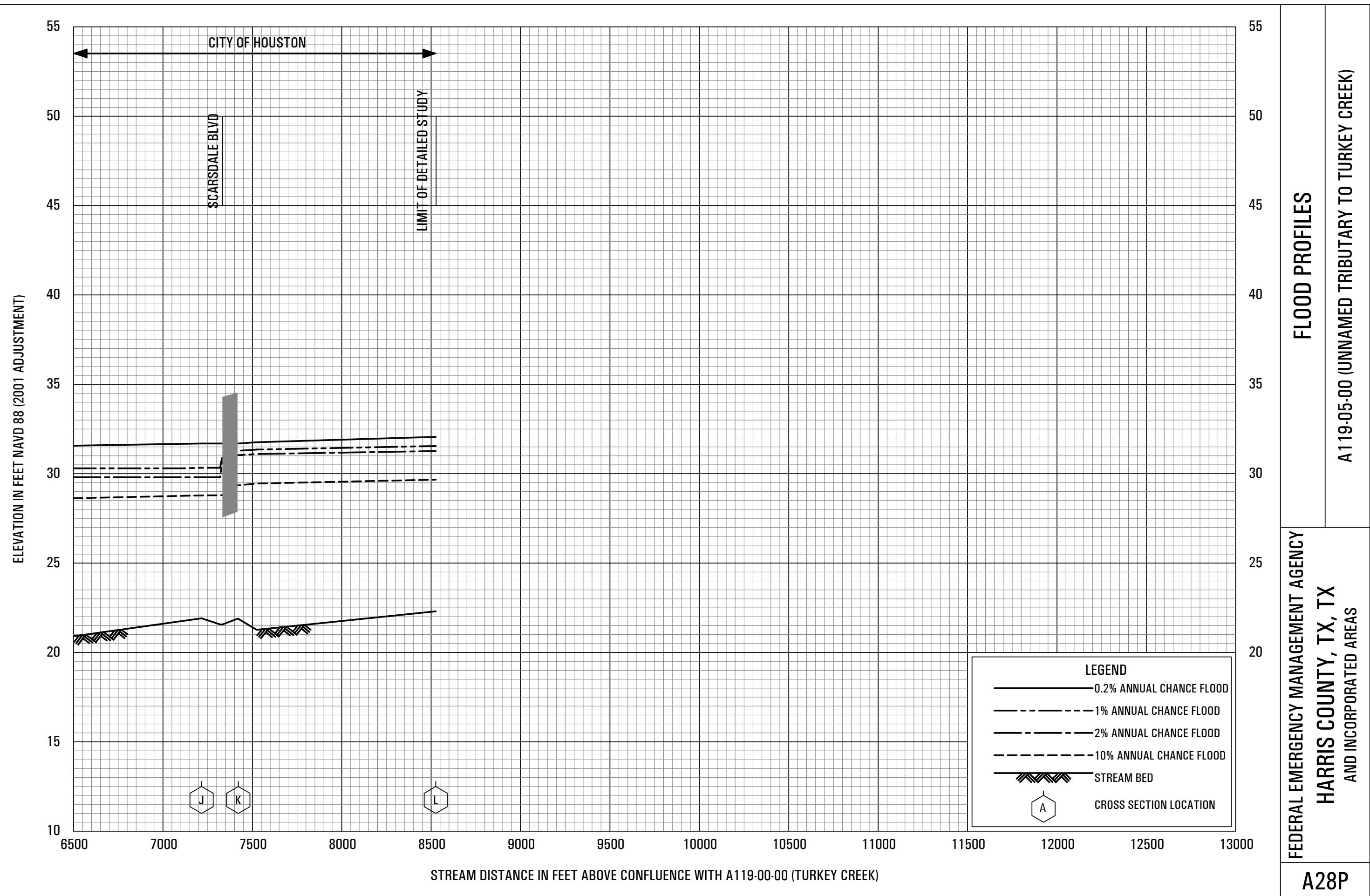
ELEVATION IN FEET NAVD 88 (2001ADJUSTMENT)



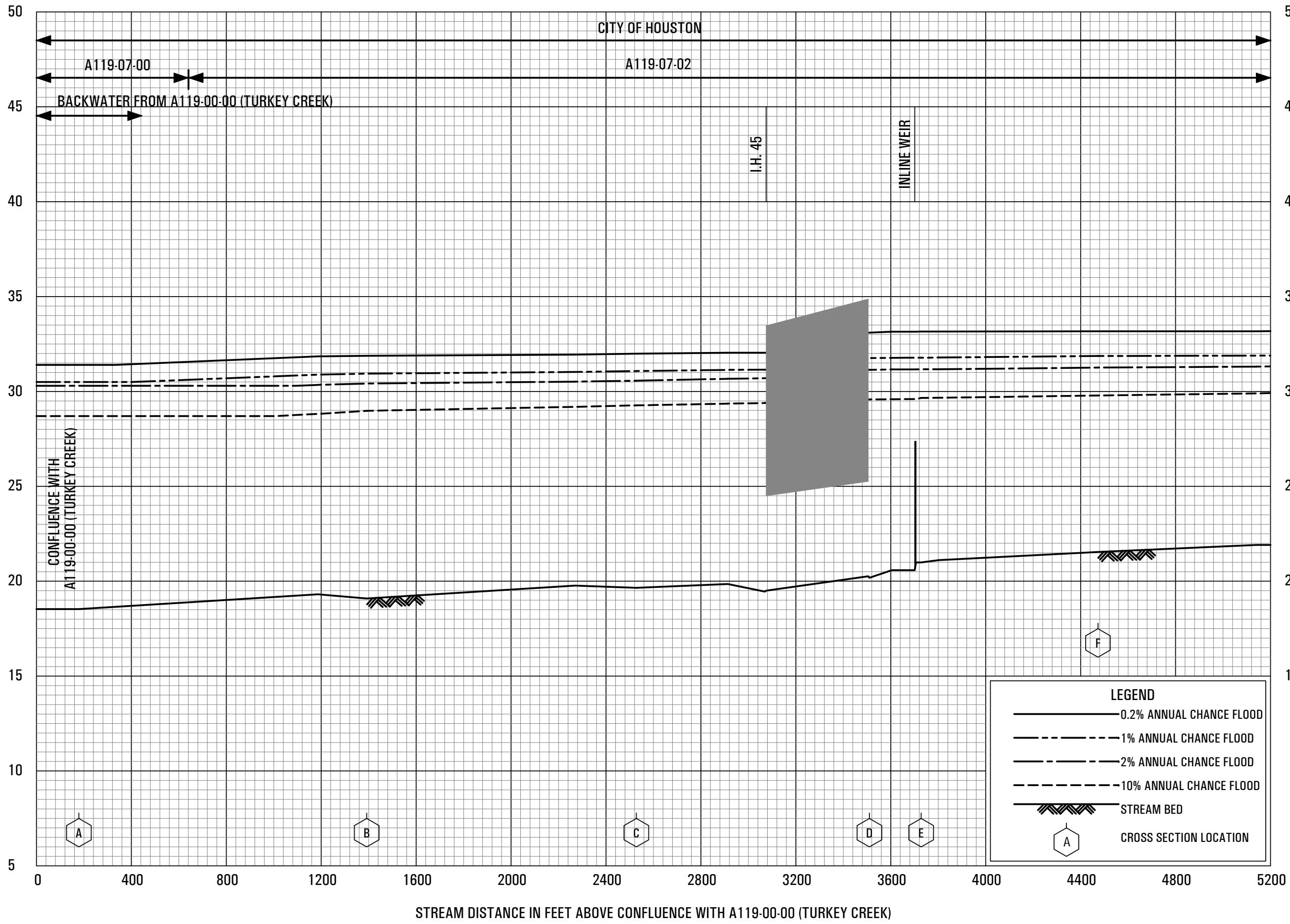
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX, TX
AND INCORPORATED AREAS

FLOOD PROFILES
A119-05-00 (UNNAMED TRIBUTARY TO TURKEY CREEK)

A27P



ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

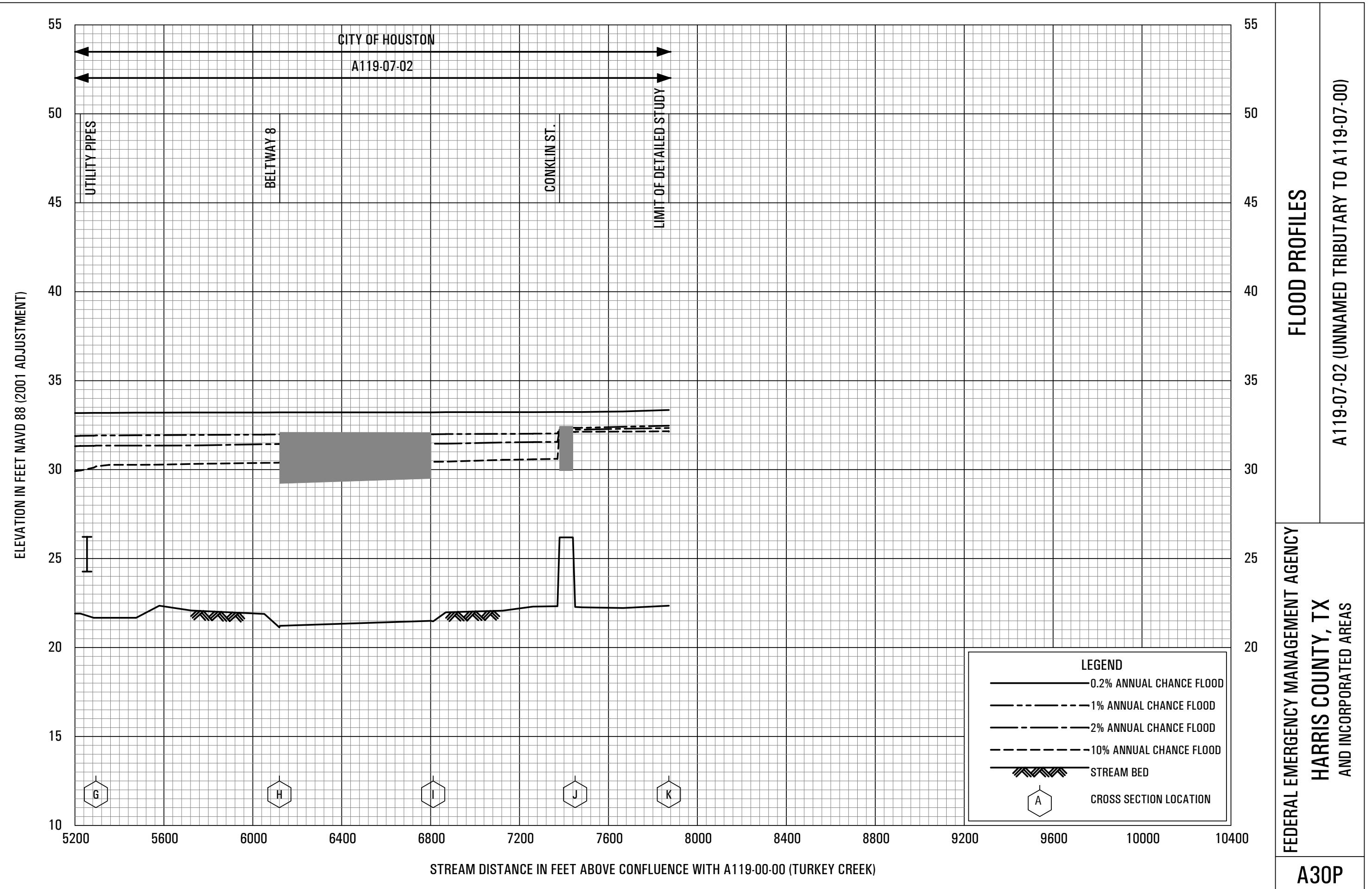


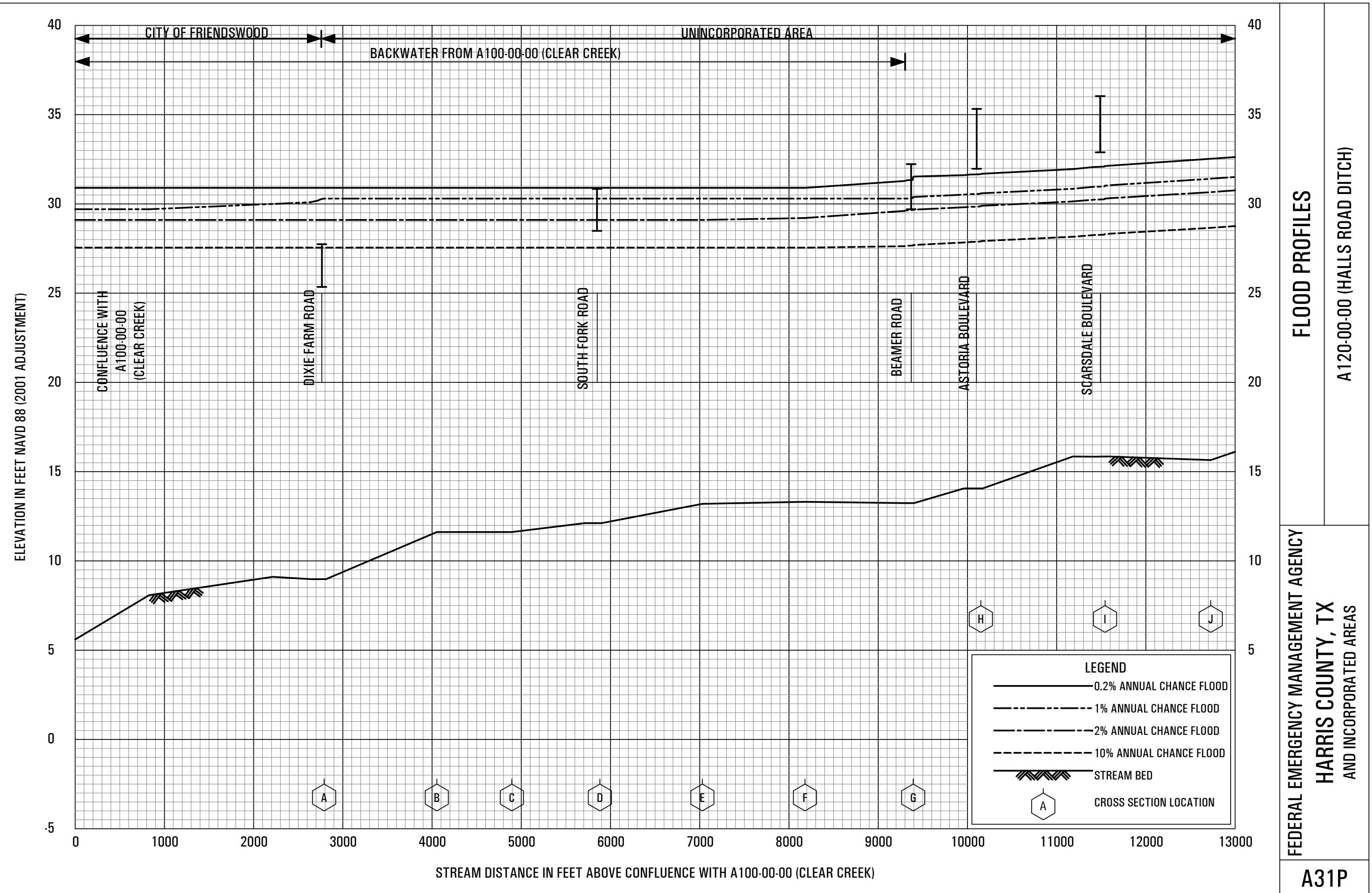
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

A29P

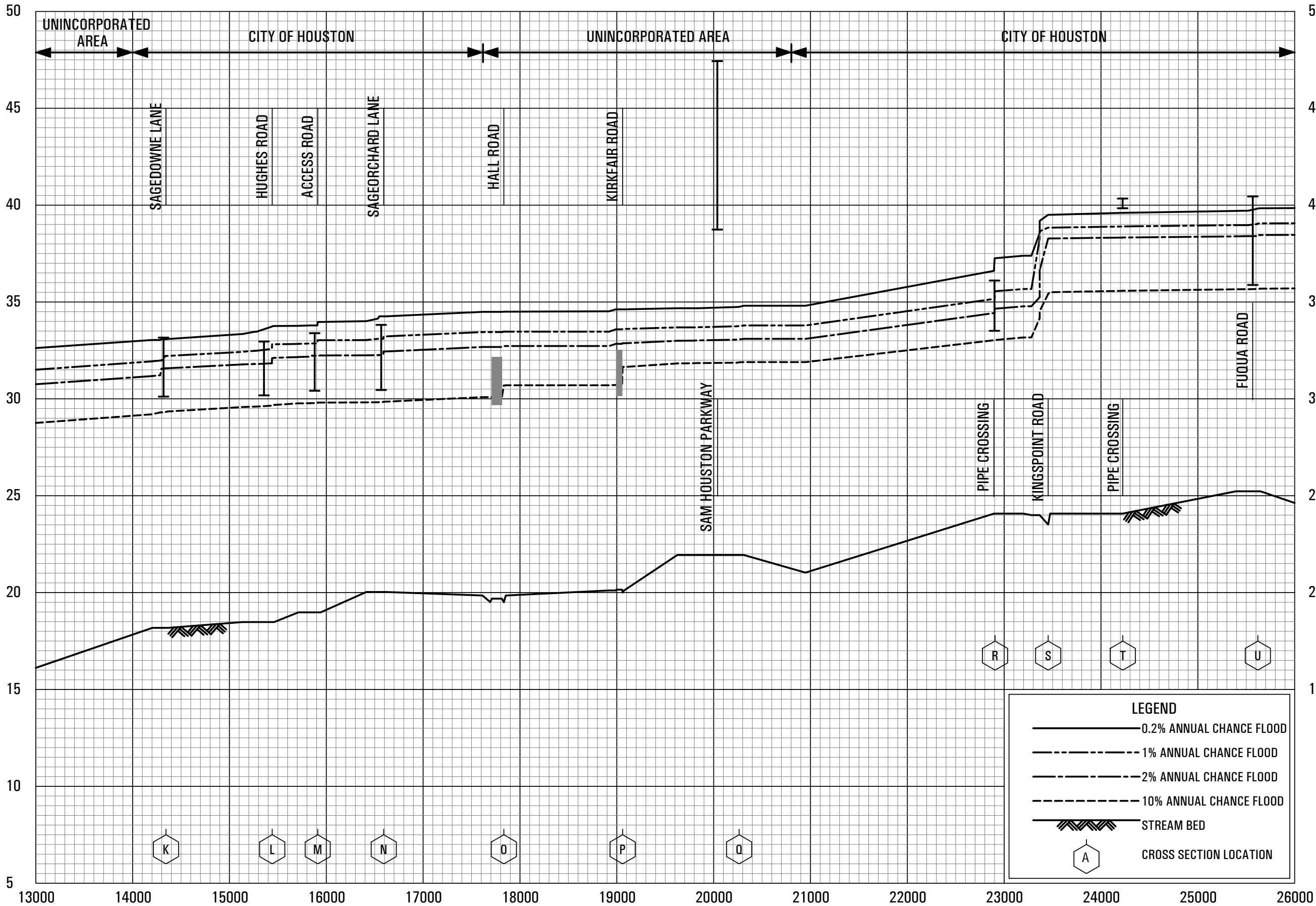
FLOOD PROFILES

A119-07-00 (UNNAMED TRIBUTARY TO TURKEY CREEK)
AND A119-07-02 (UNNAMED TRIBUTARY TO A119-07-00)





ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

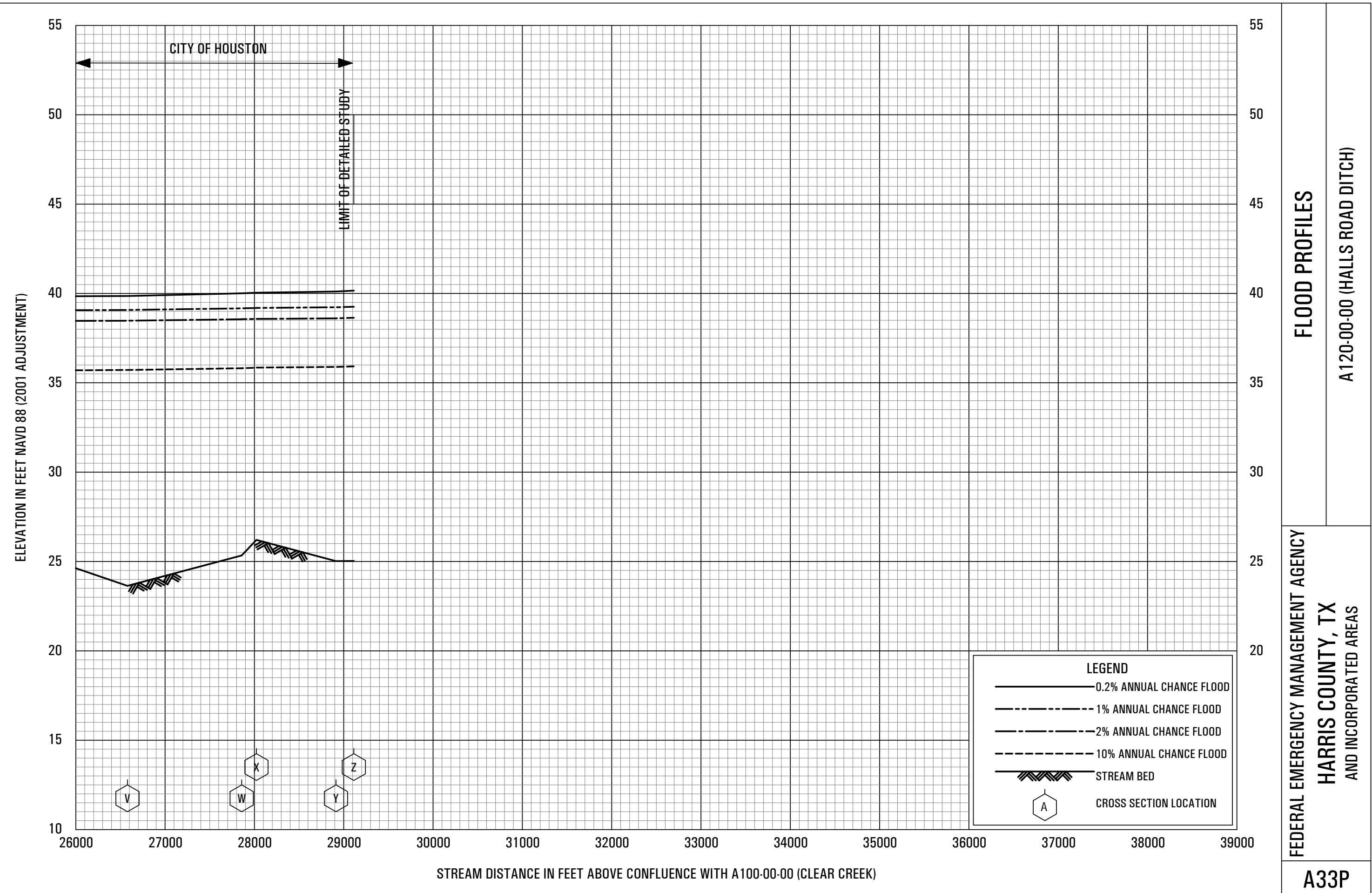


FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

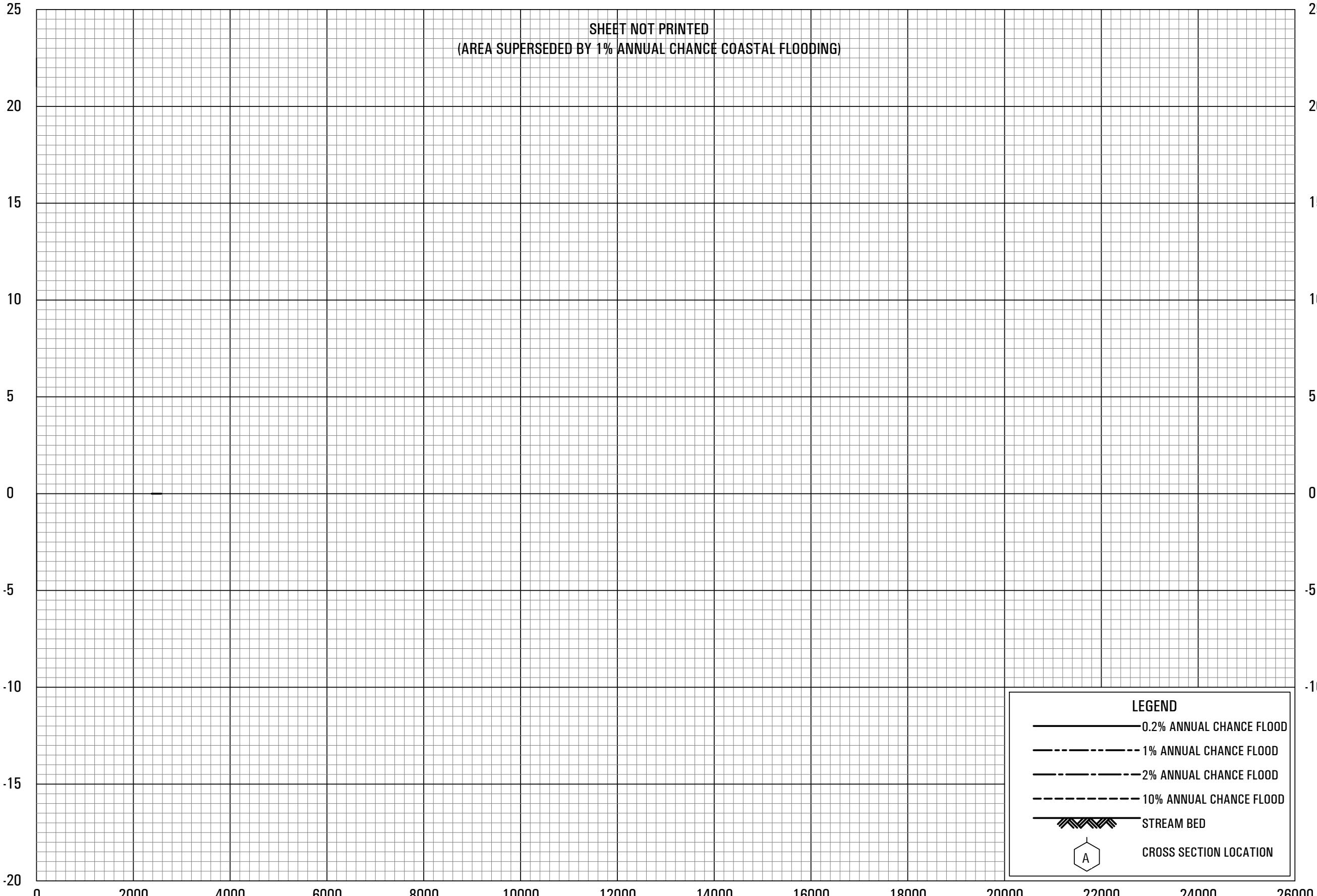
FLOOD PROFILES

A100-00-00 (HALLS ROAD DITCH)

A32P



ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



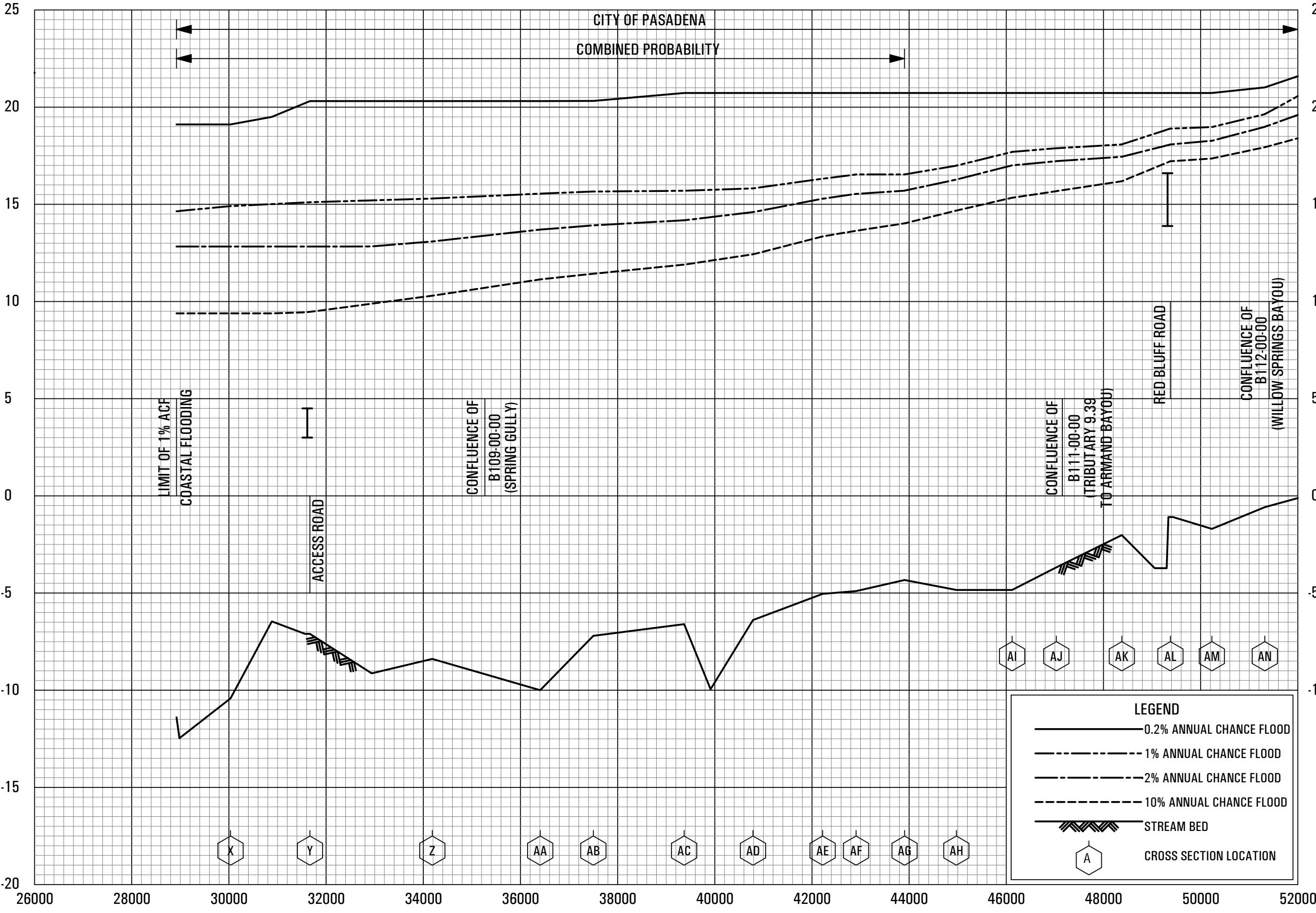
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

B01P

FLOOD PROFILES

B100-00-00 (ARMAND BAYOU)

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

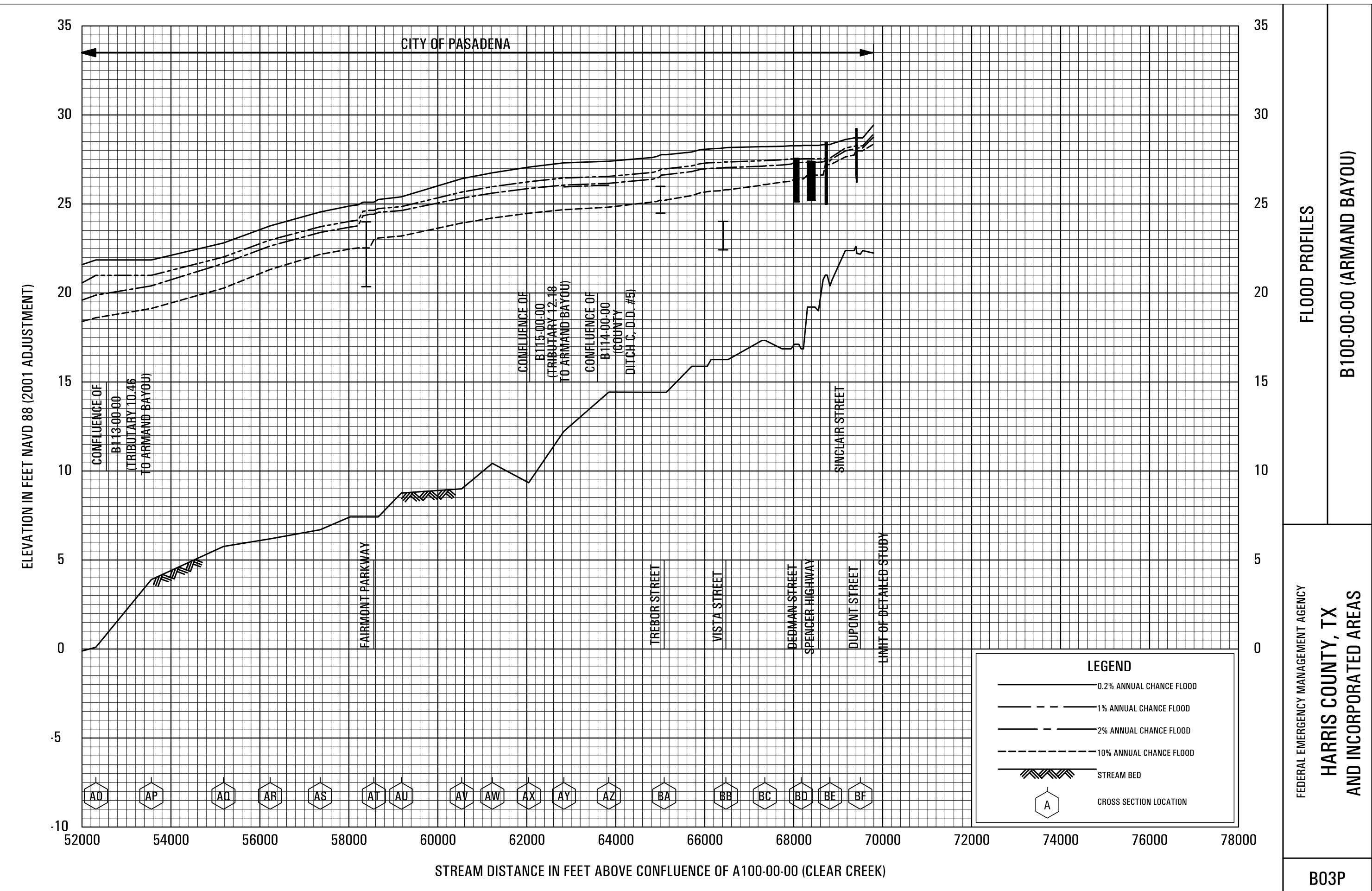


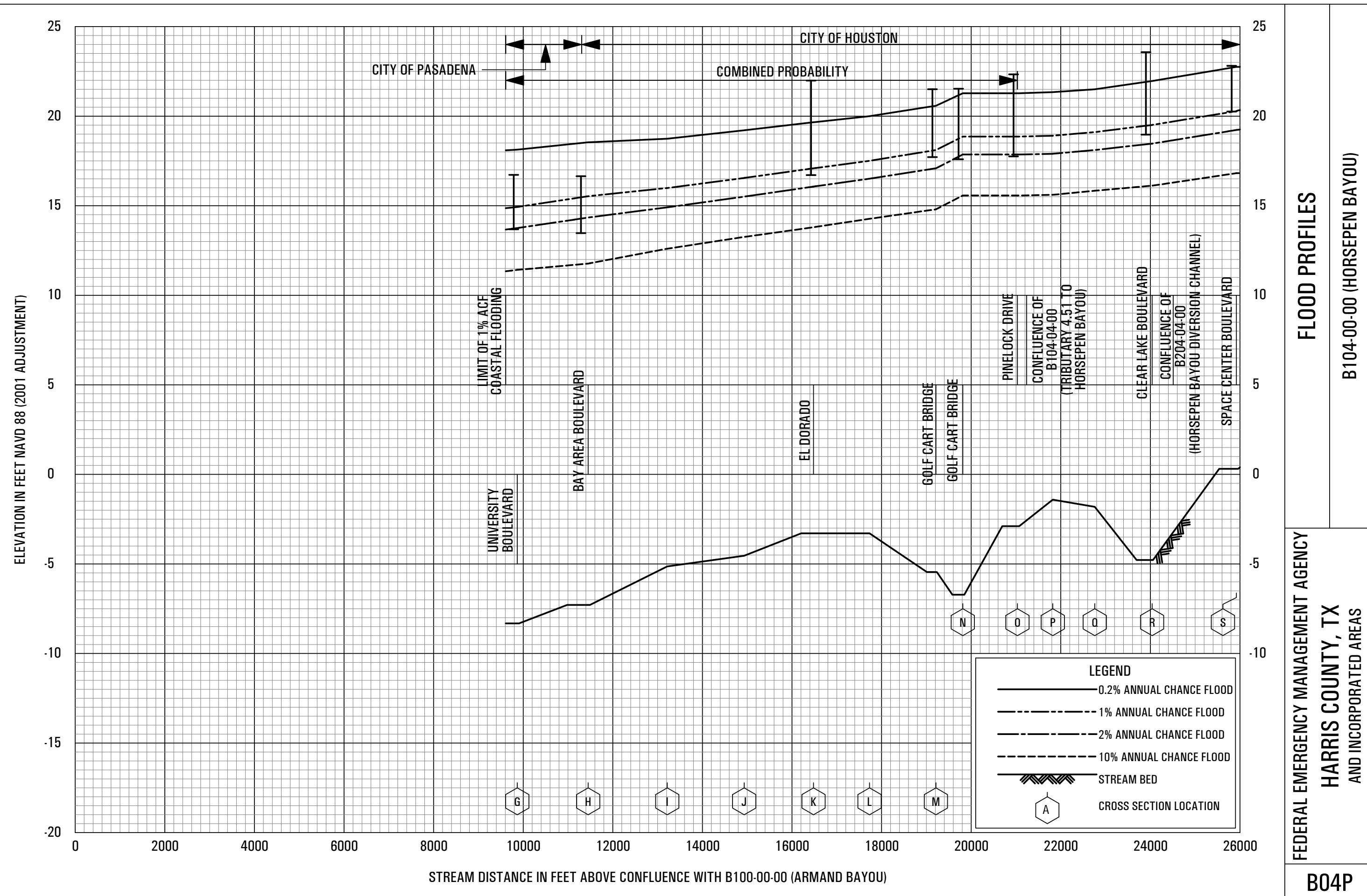
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

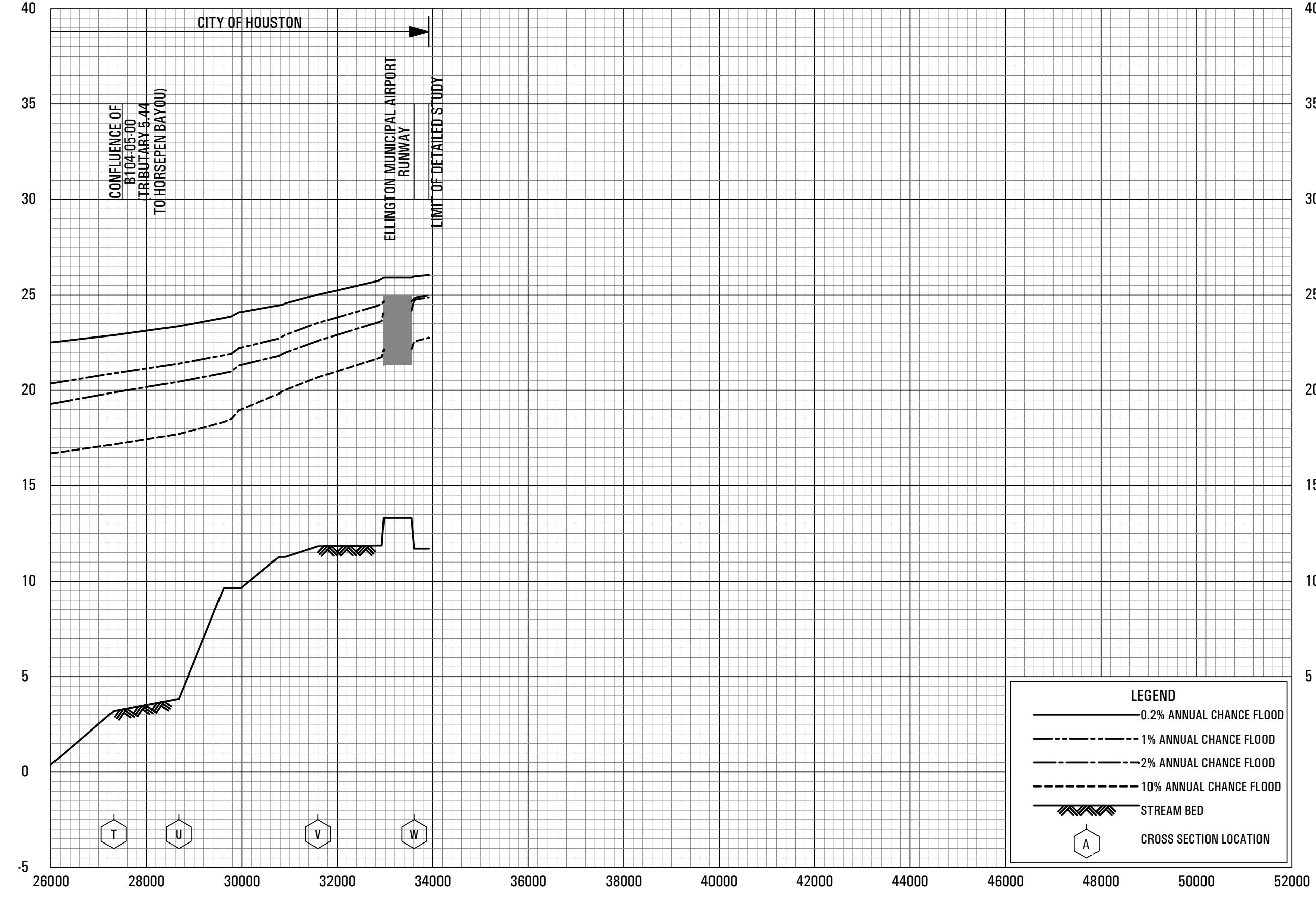
B100-00-00 (ARMAND BAYOU)

B02P





ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



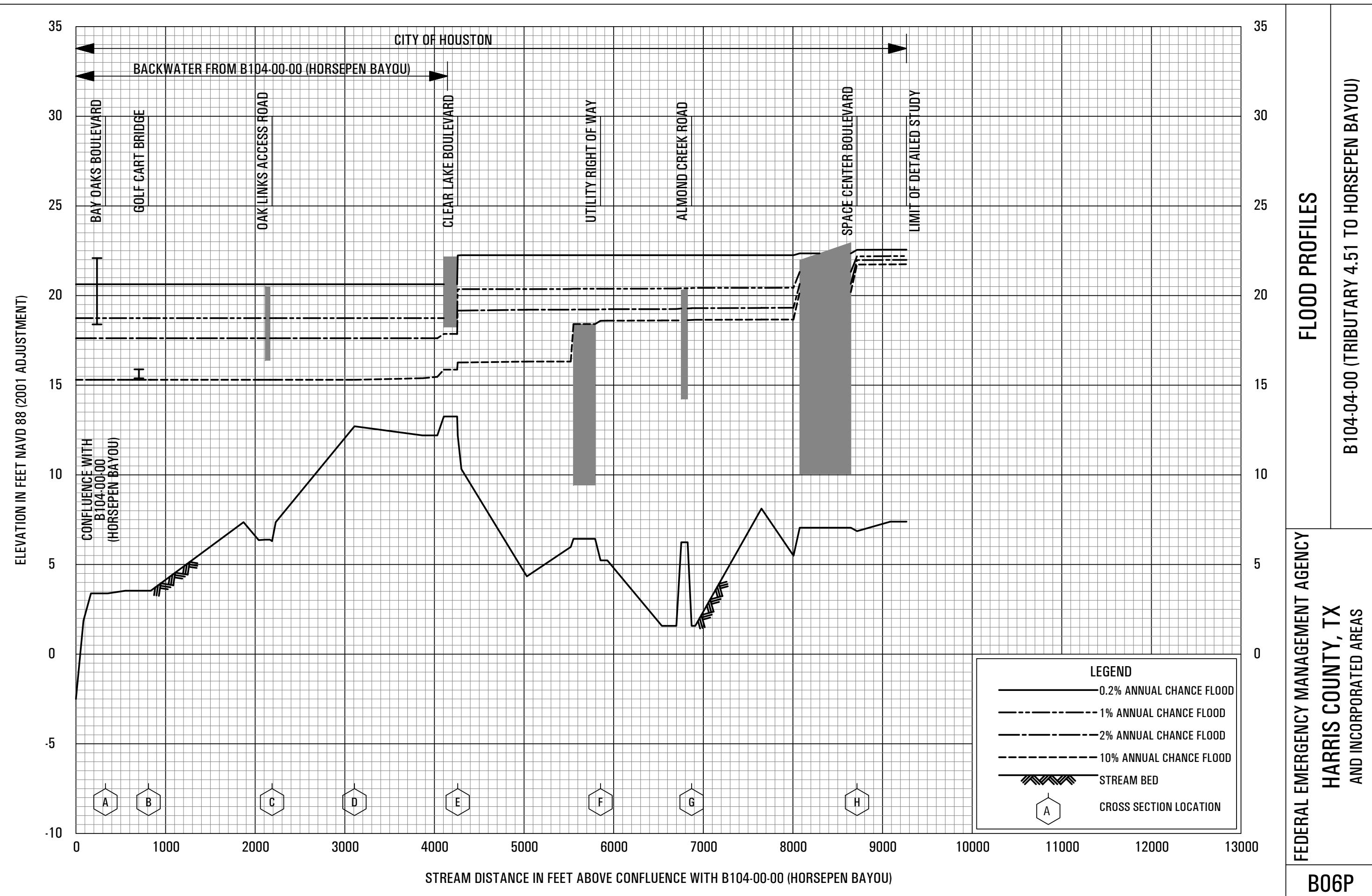
STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH B100-00-00 (ARMAND BAYOU)

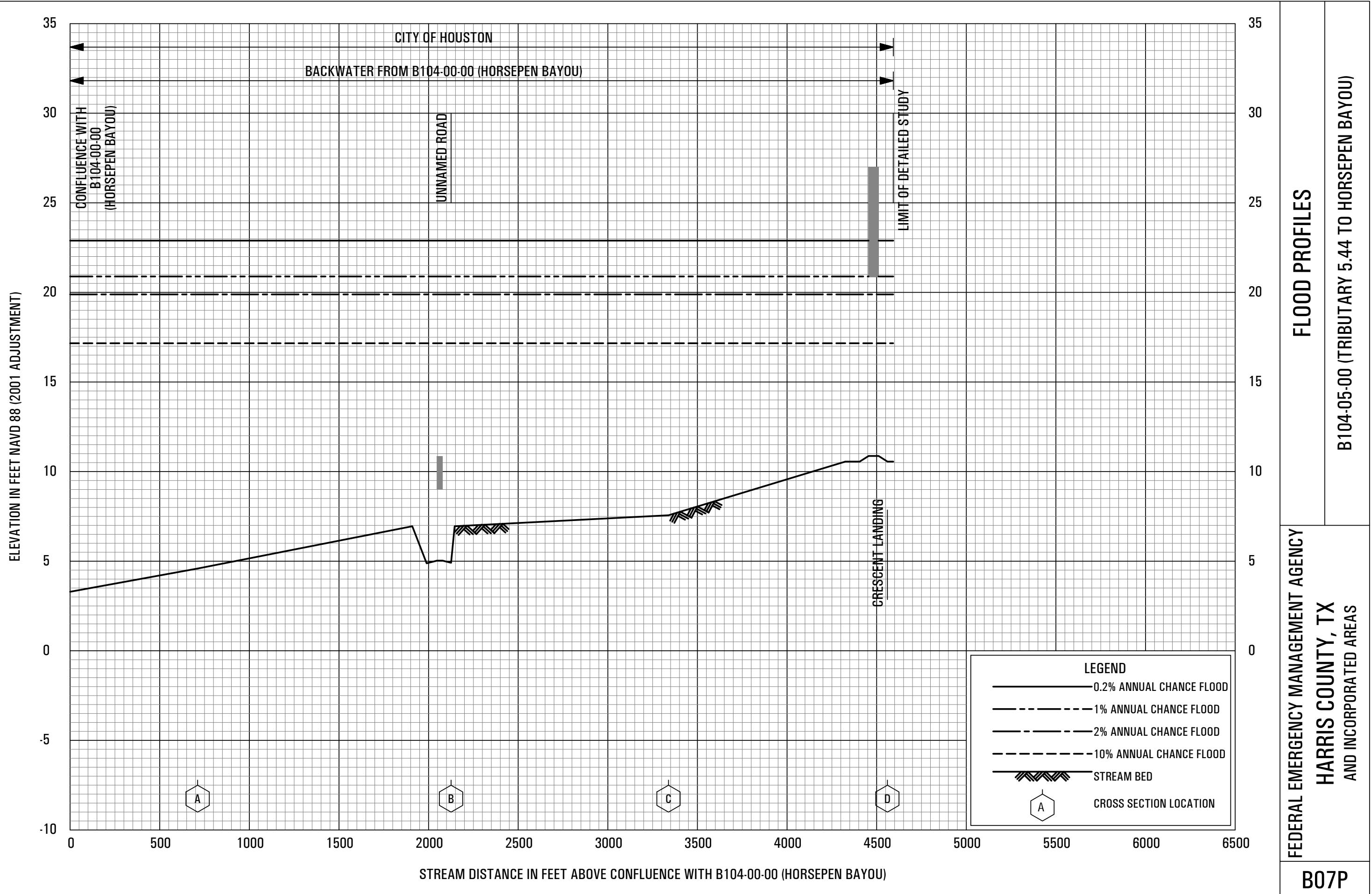
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

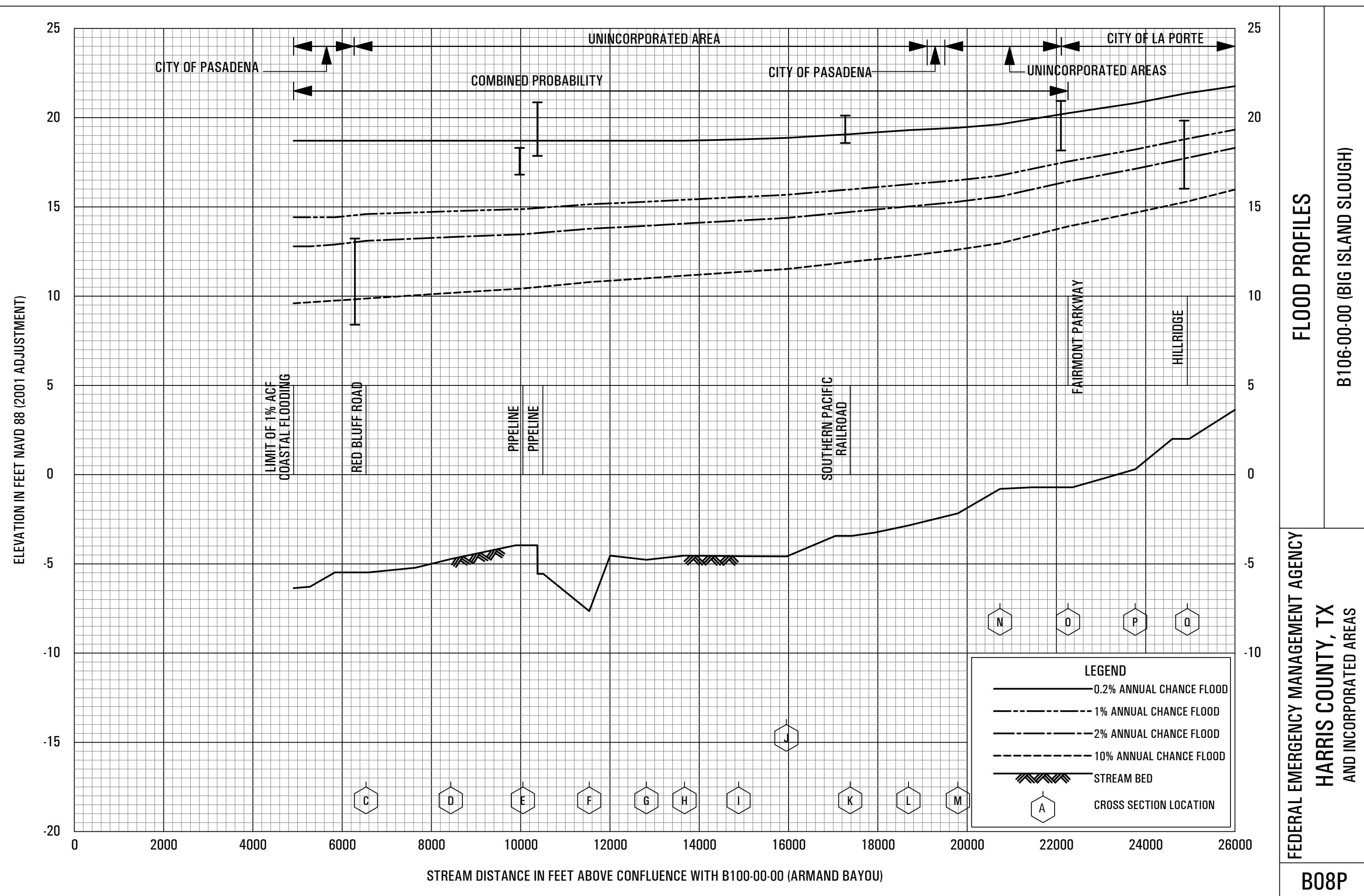
FLOOD PROFILES

B104-00-00 (HORSEOPEN BAYOU)

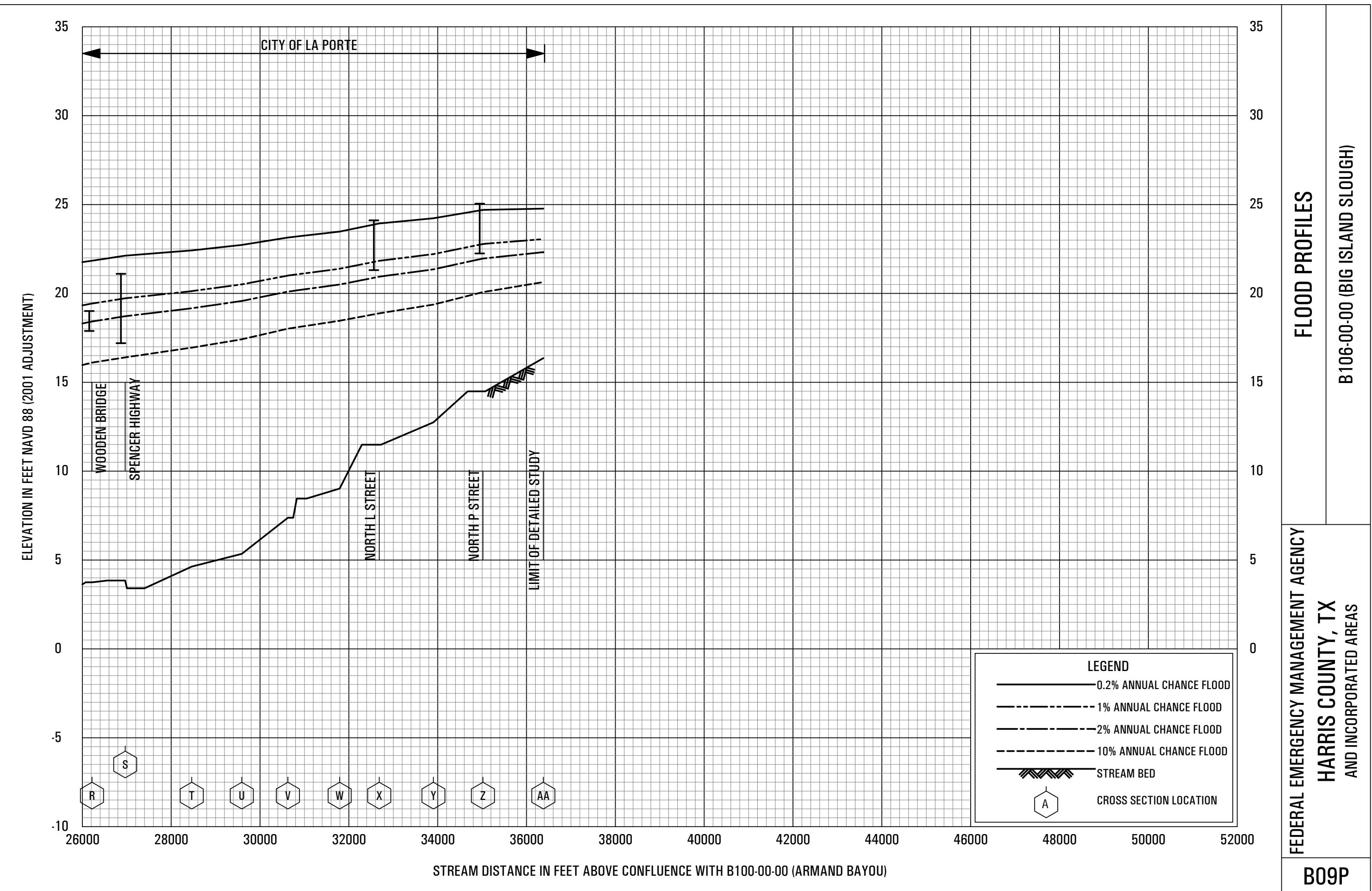
B05P

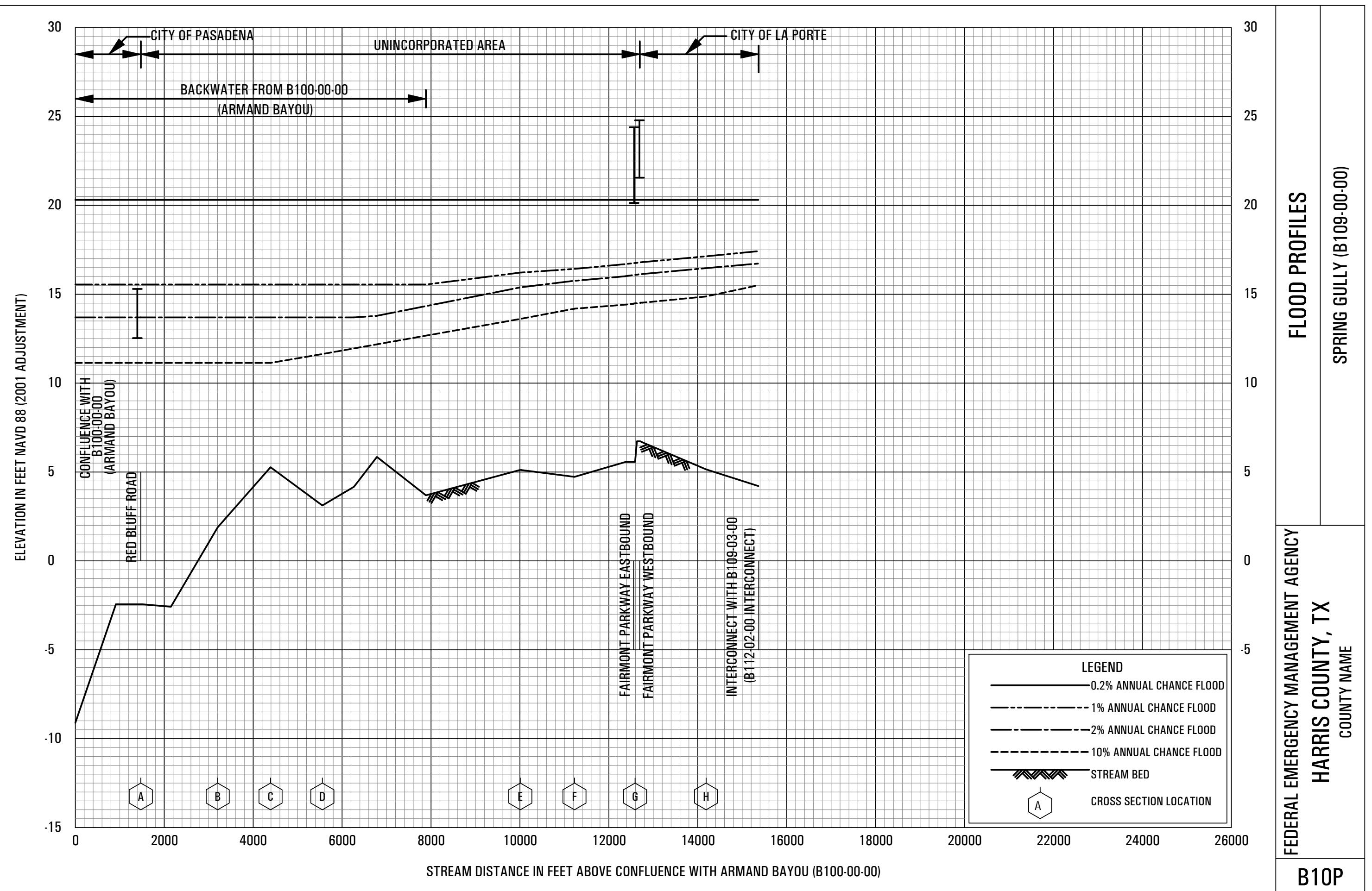


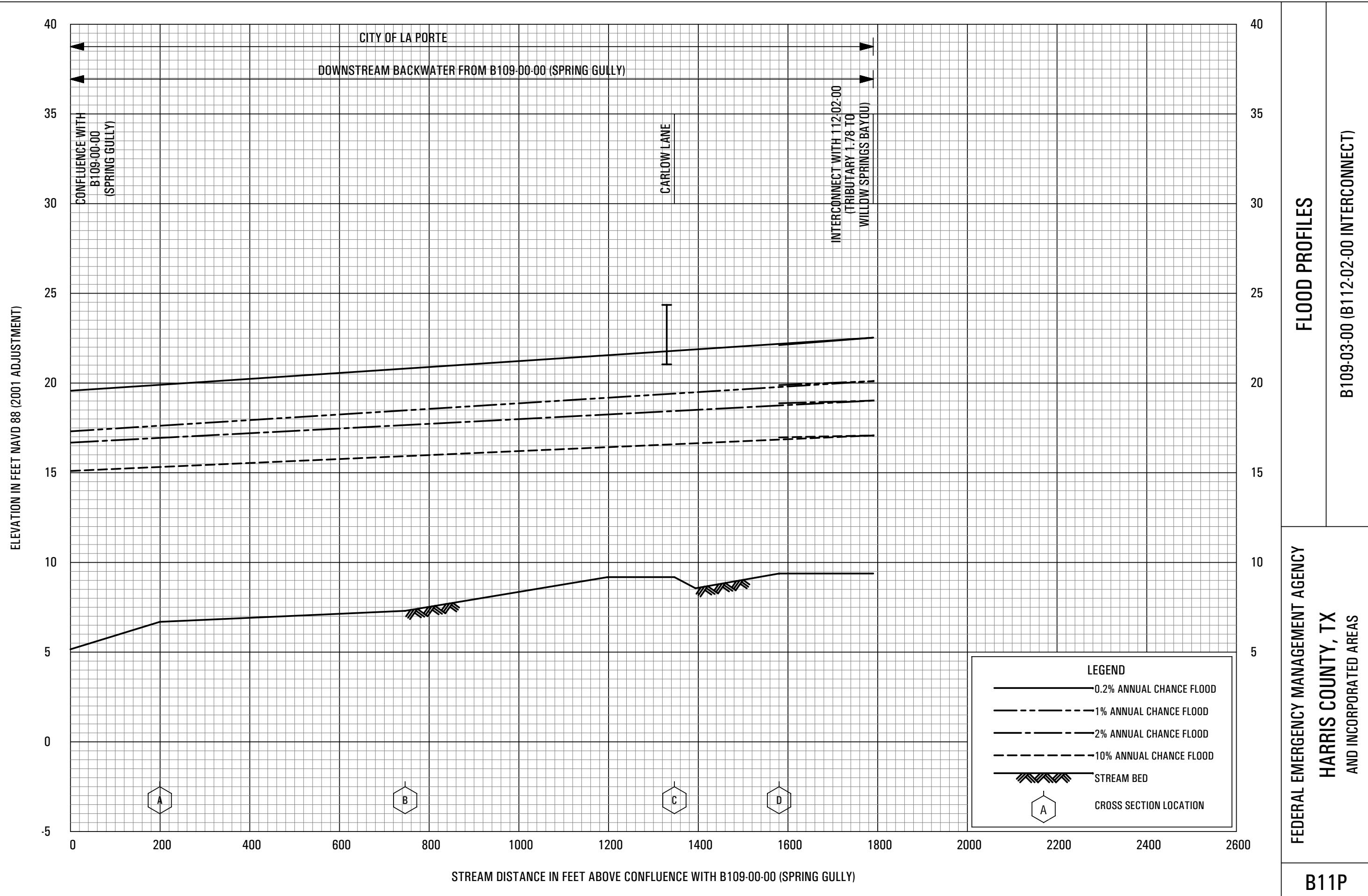


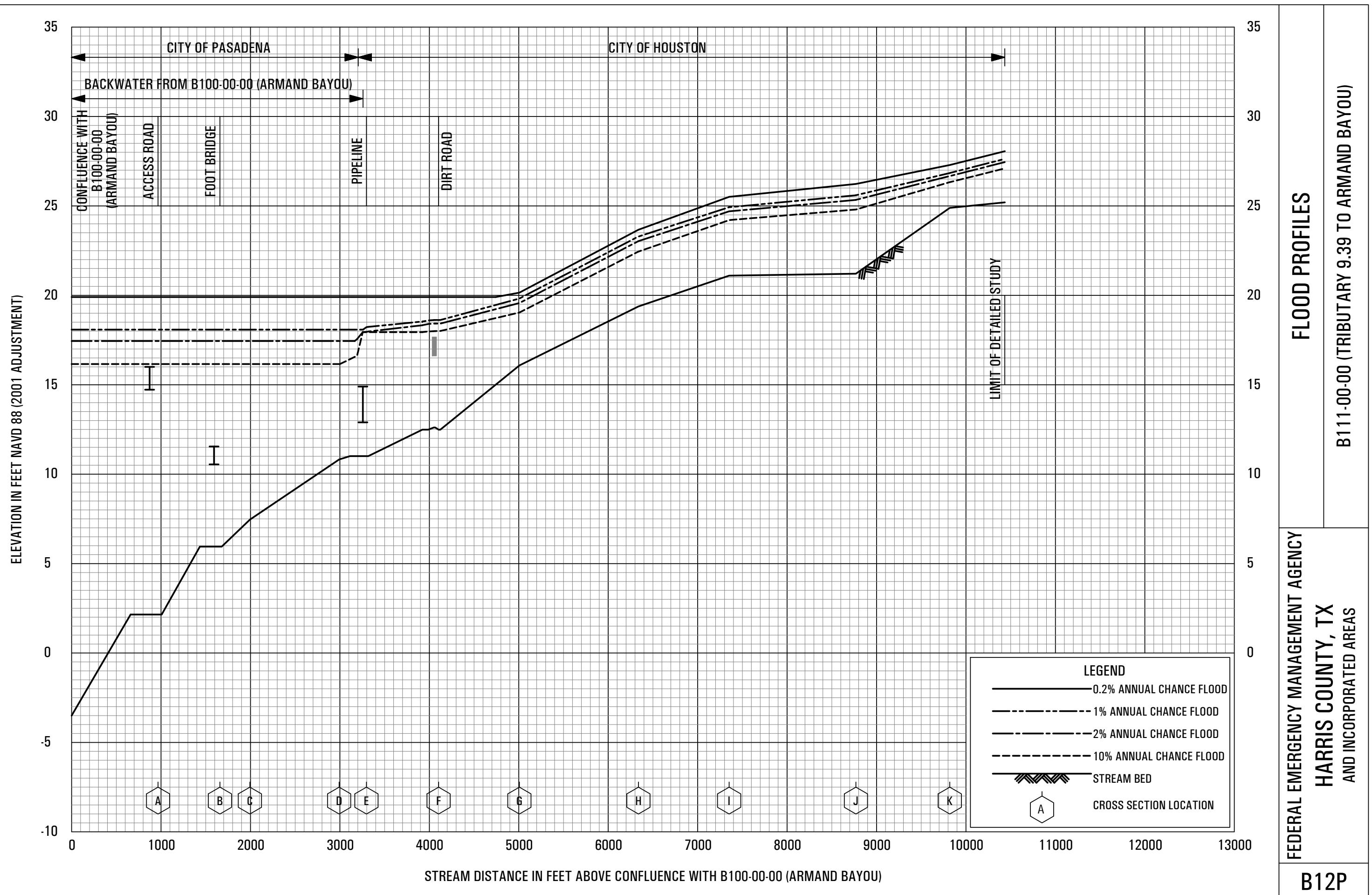


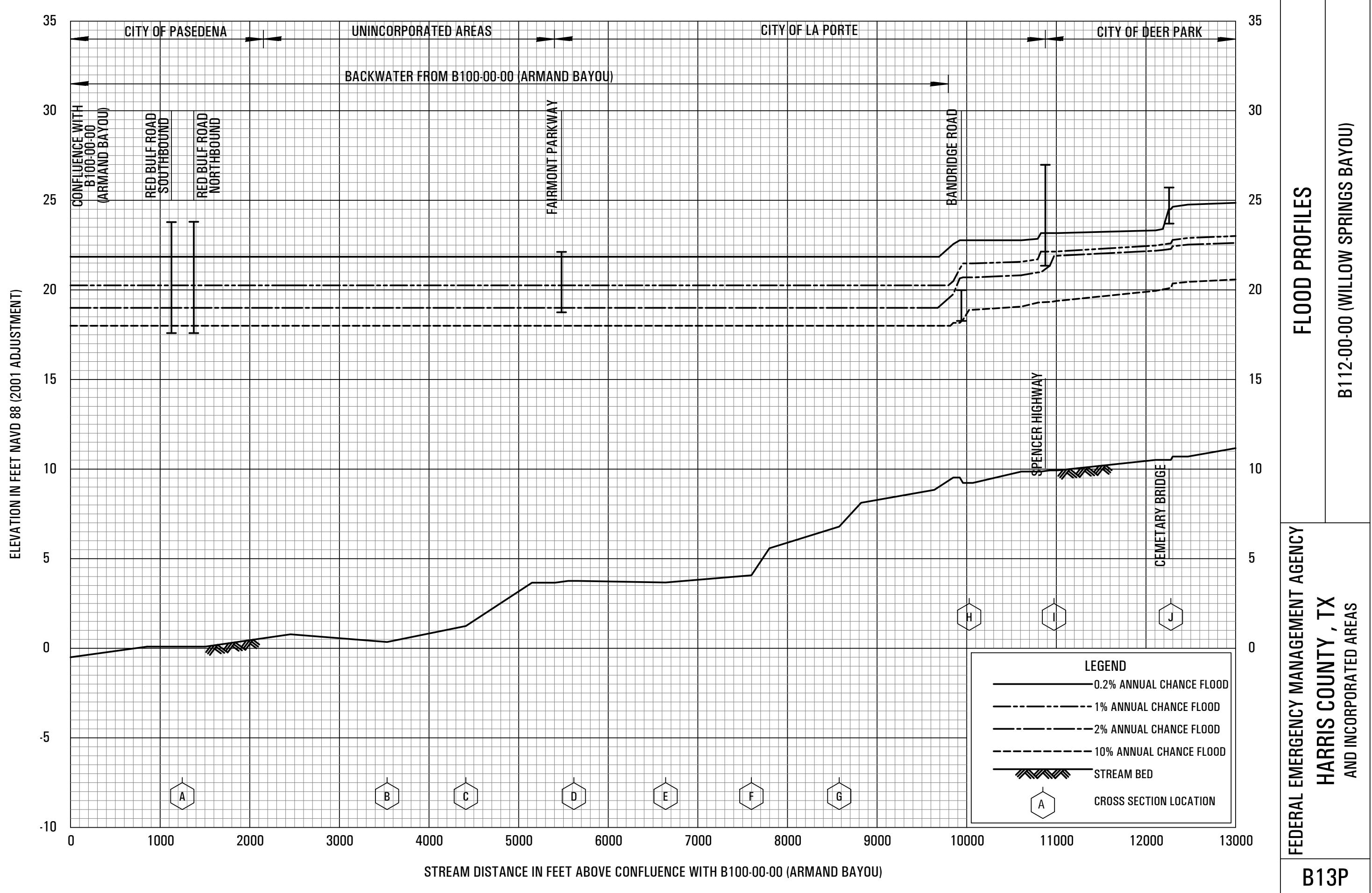
BO8P





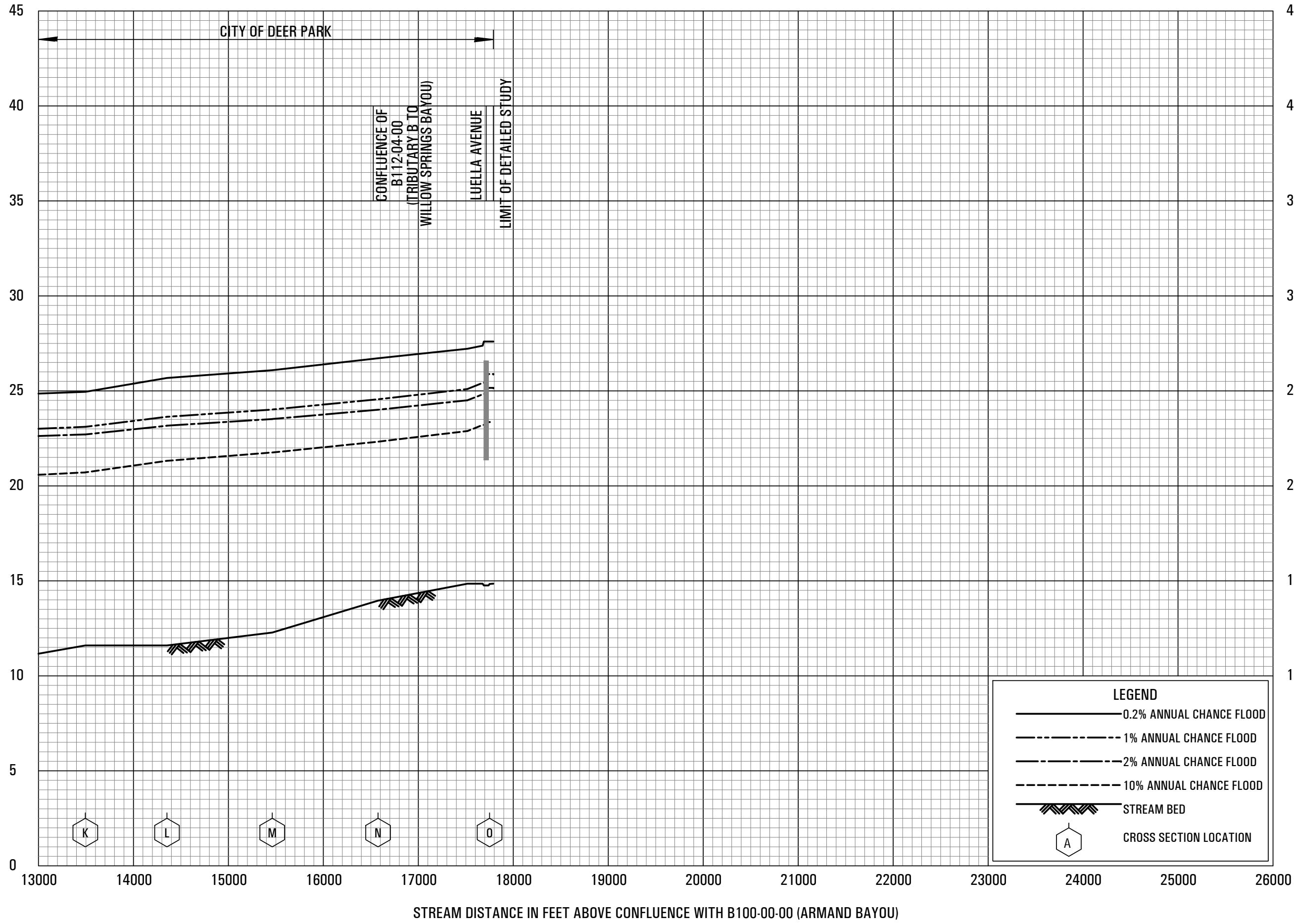






B13P

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

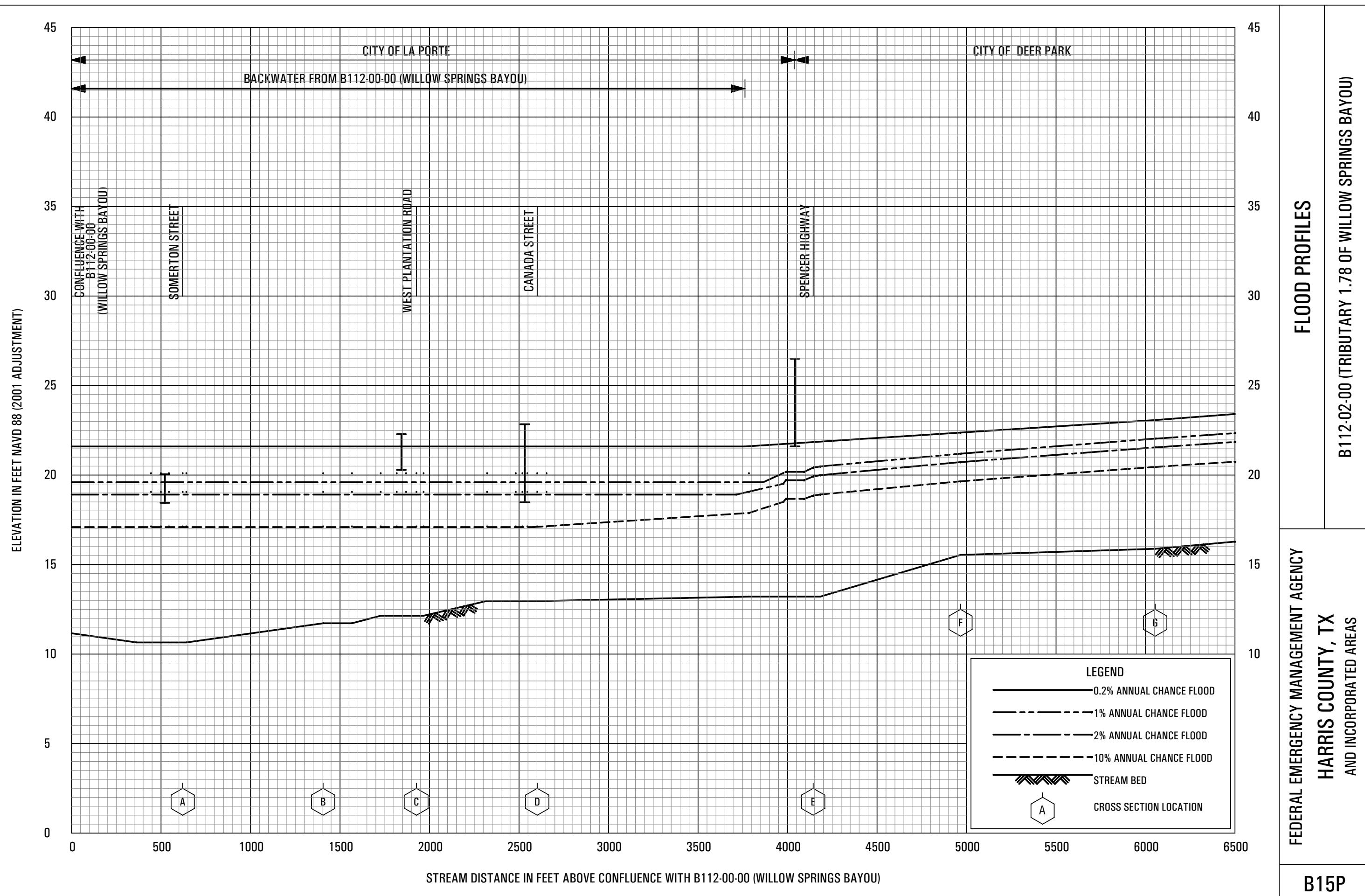


FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

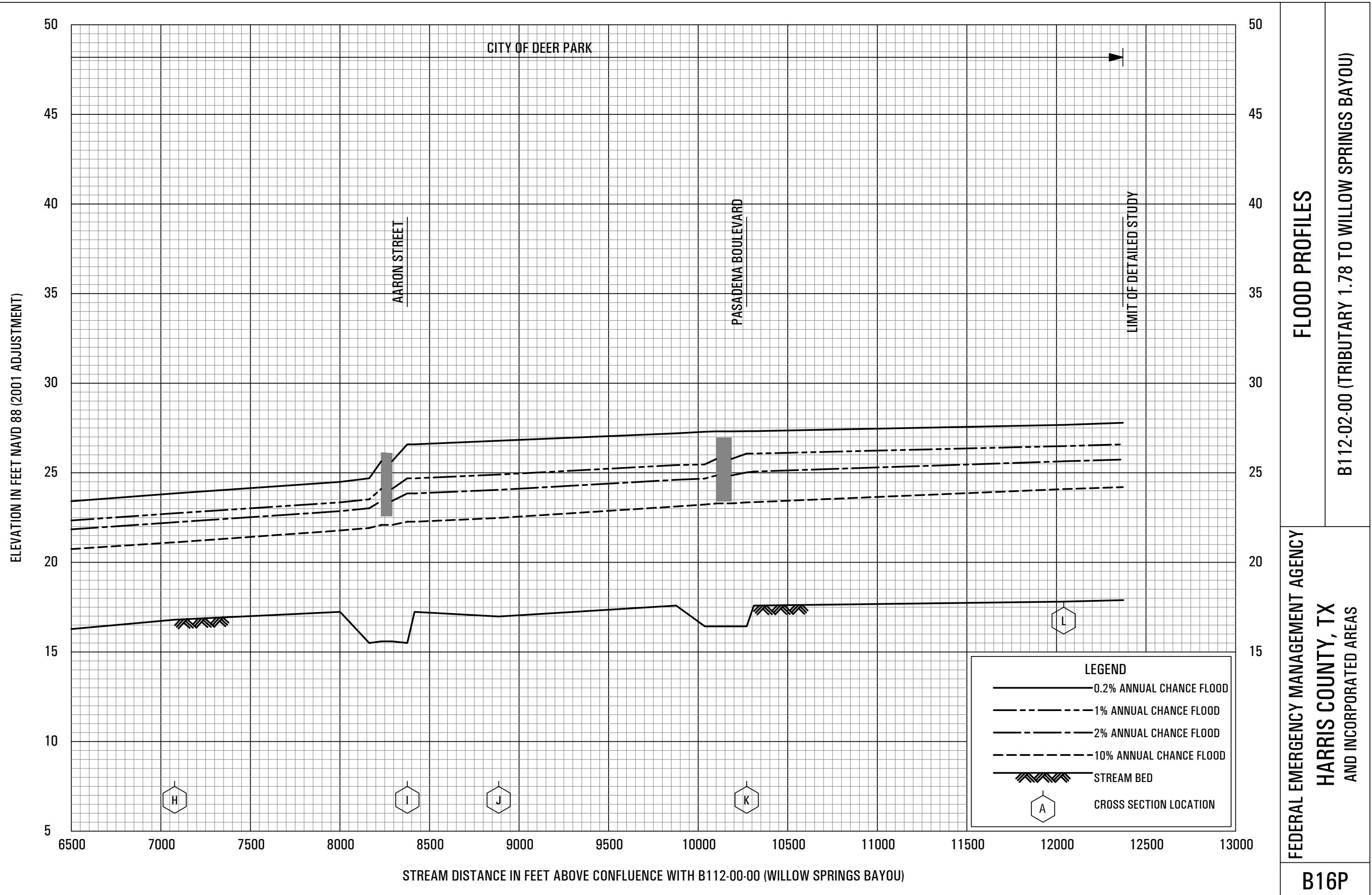
B14P

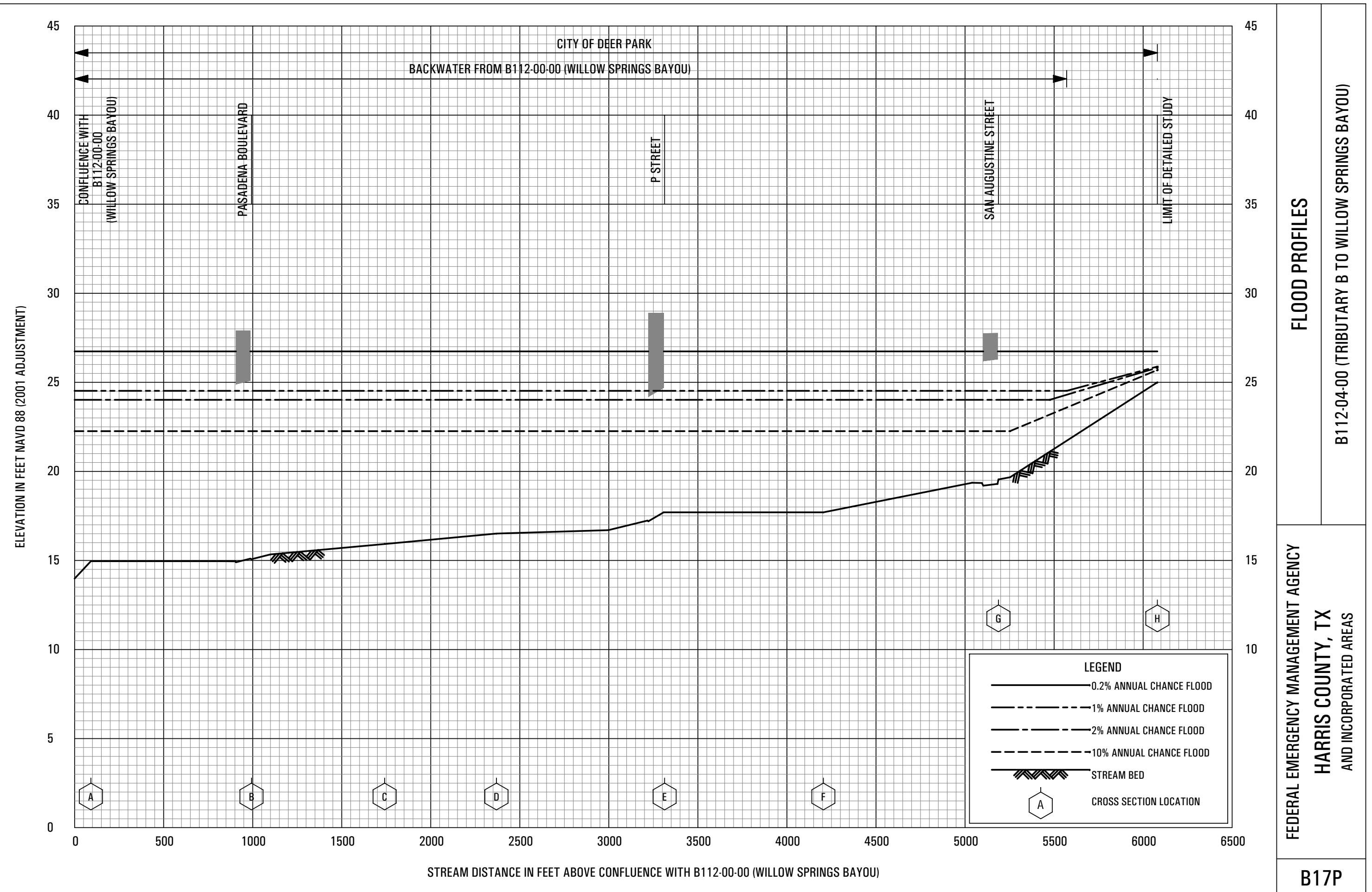
FLOOD PROFILES

B112-00-00 (WILLOW SPRINGS BAYOU)

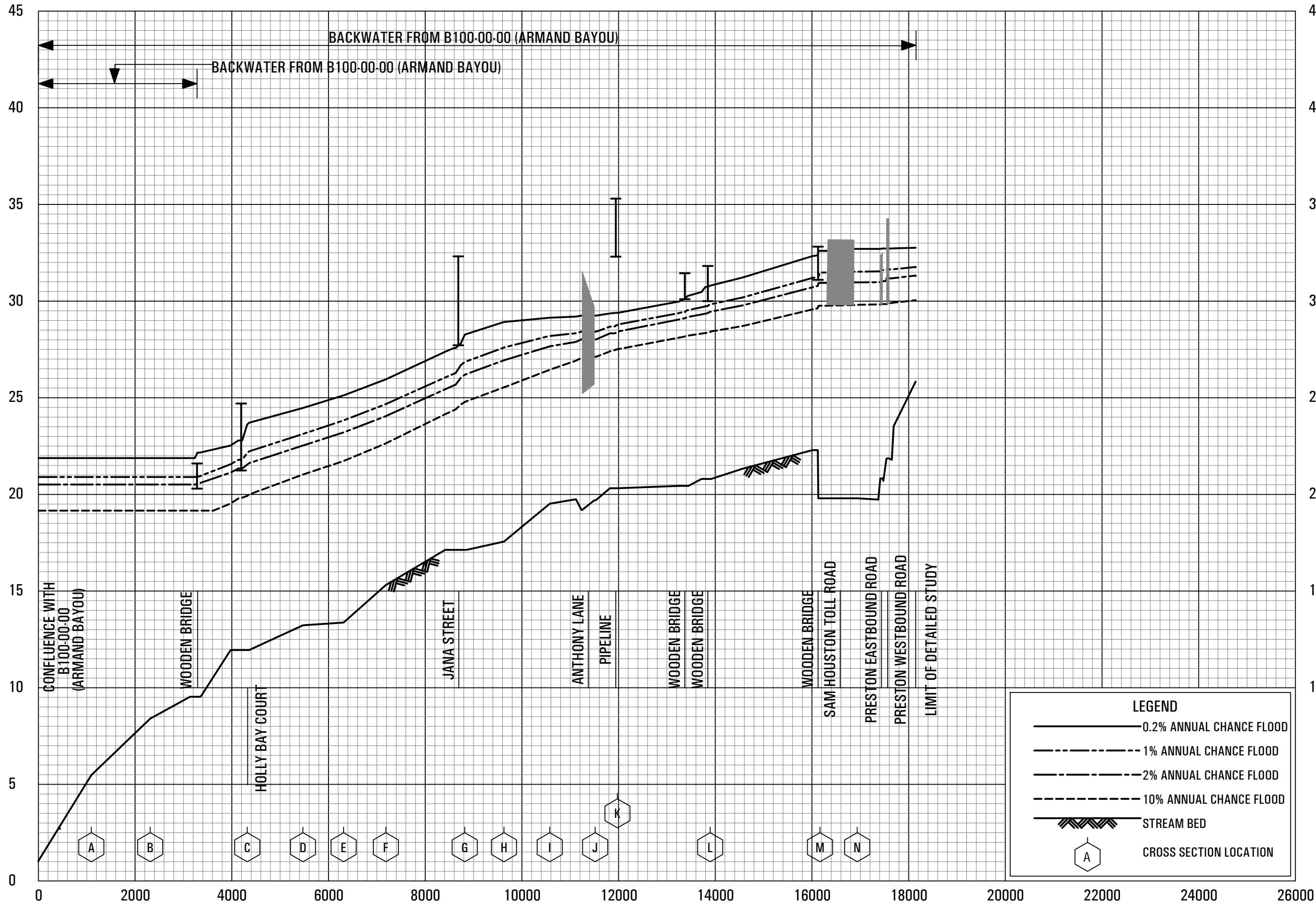


B15P





ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

B113-00-00 (TRIBUTARY 10.46 TO ARMAND BAYOU)

45

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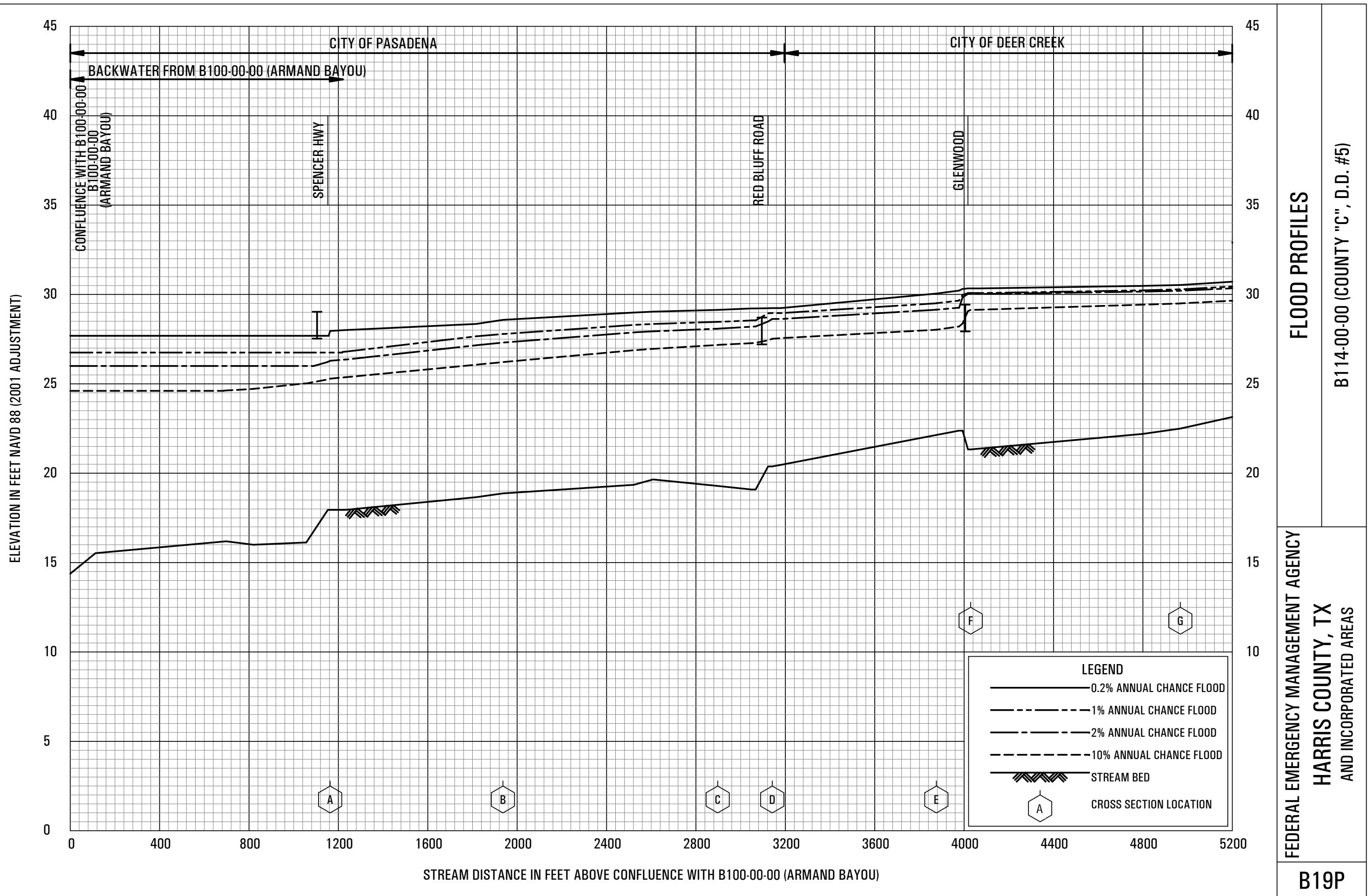
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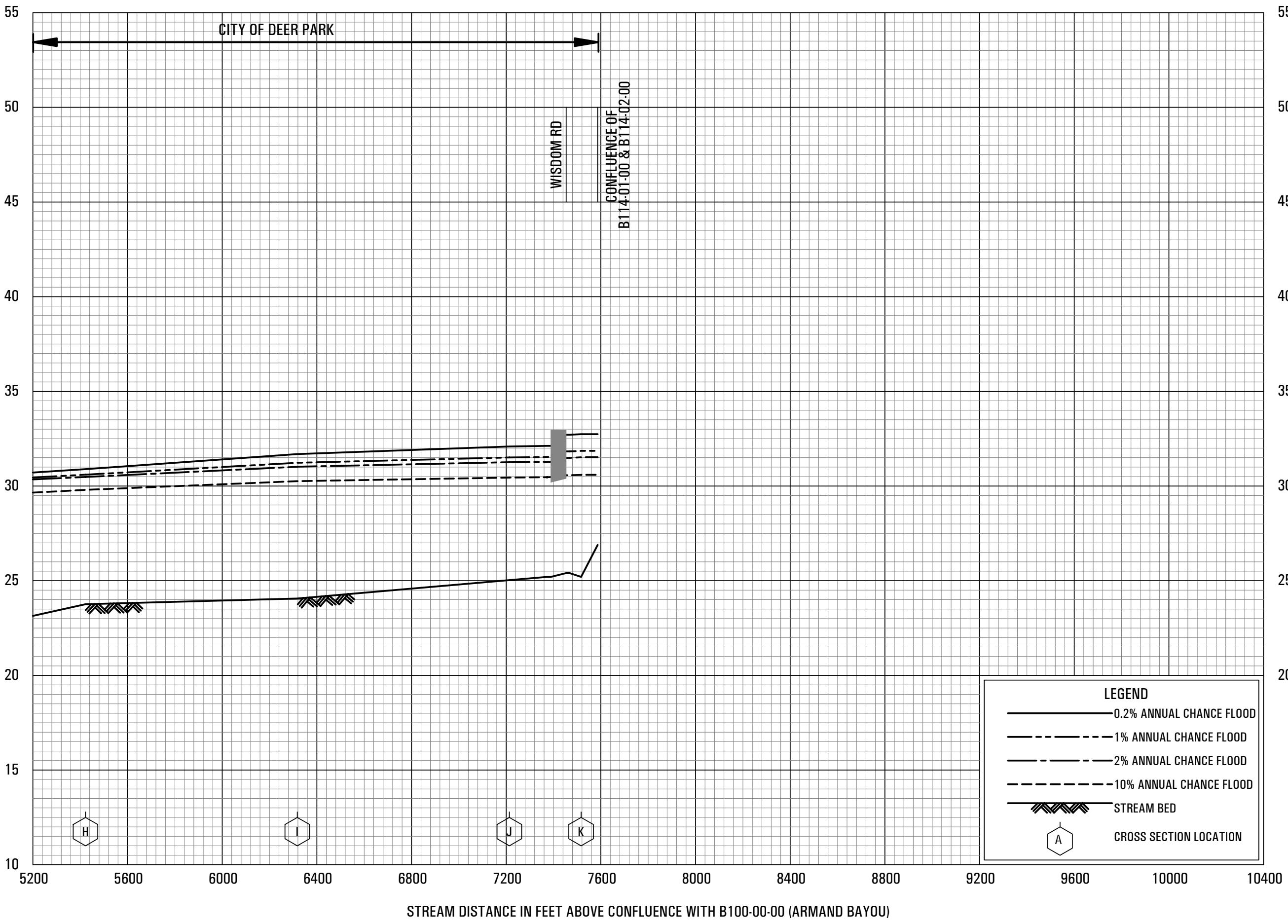
15

10



B19P

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

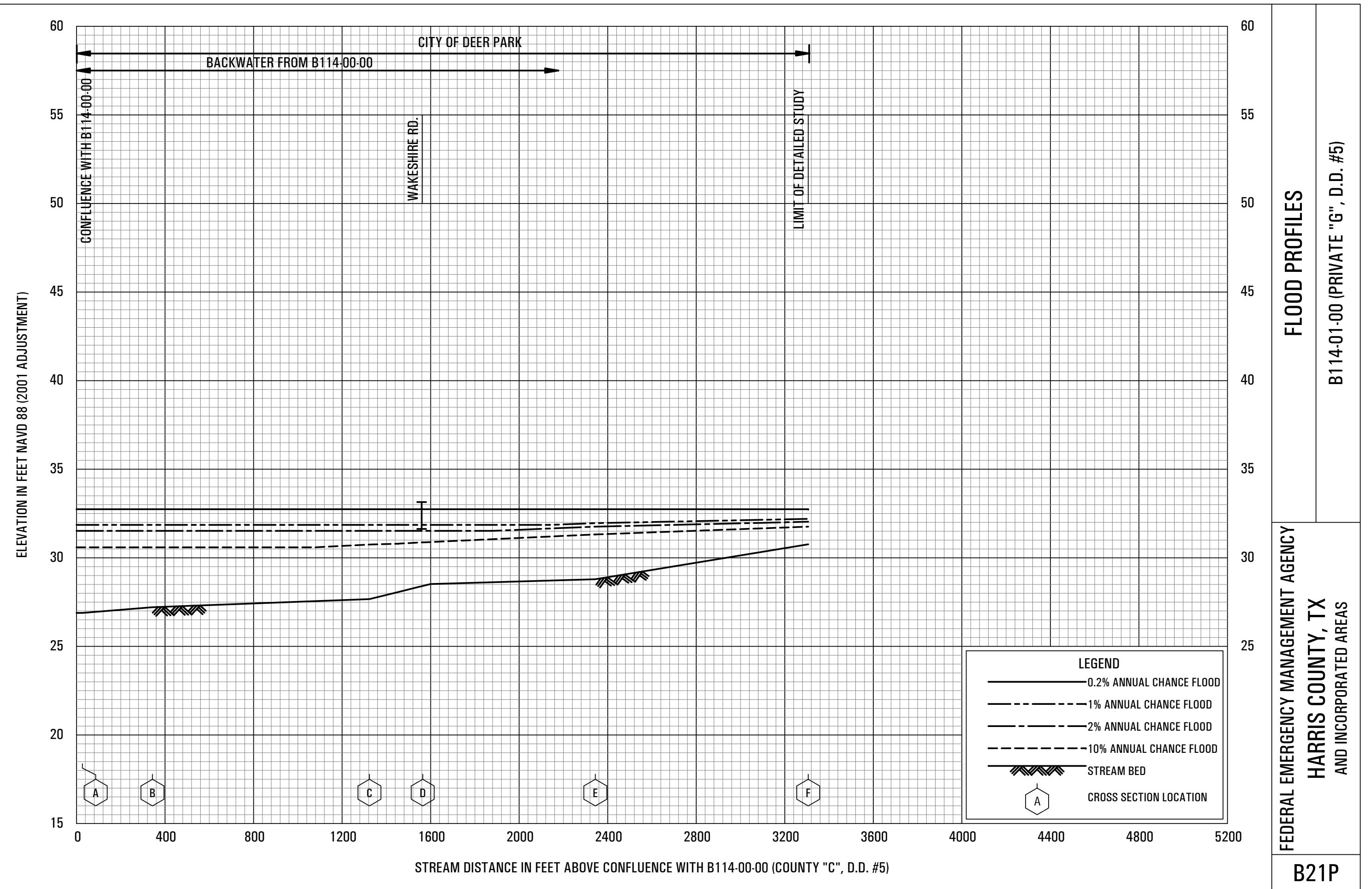


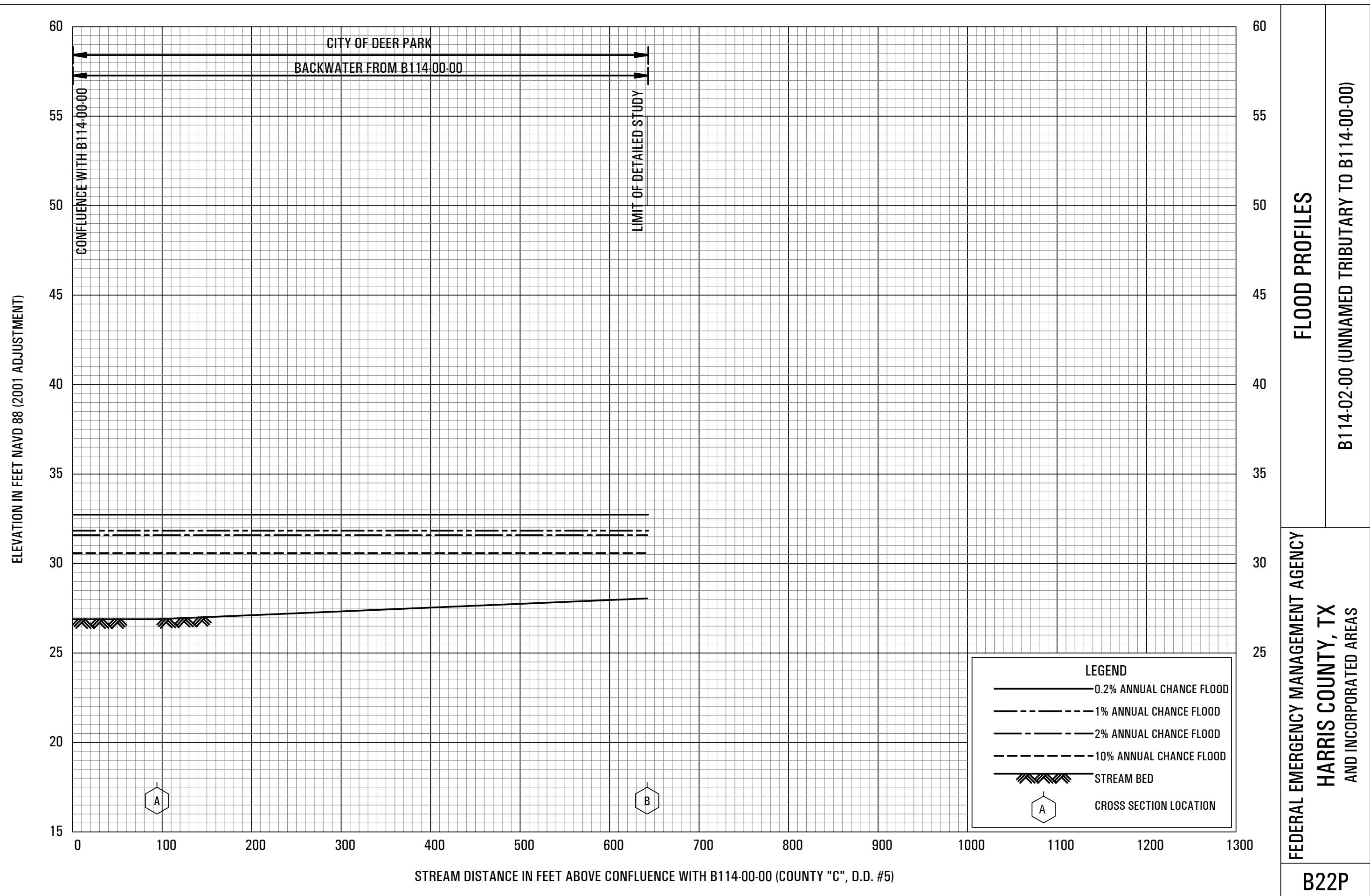
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

B114-00-00 (COUNTY "C", D.D. #5)

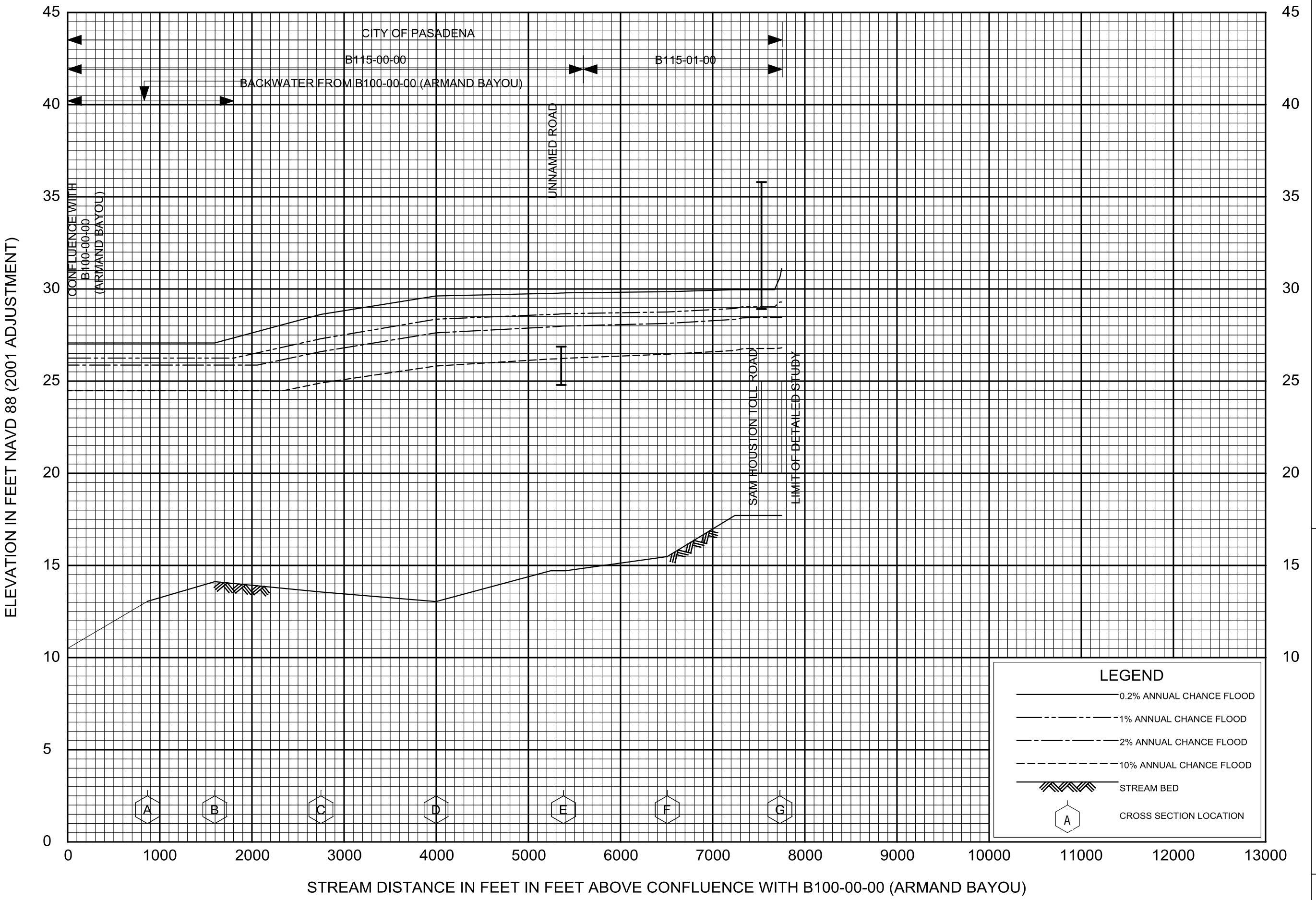
B20P

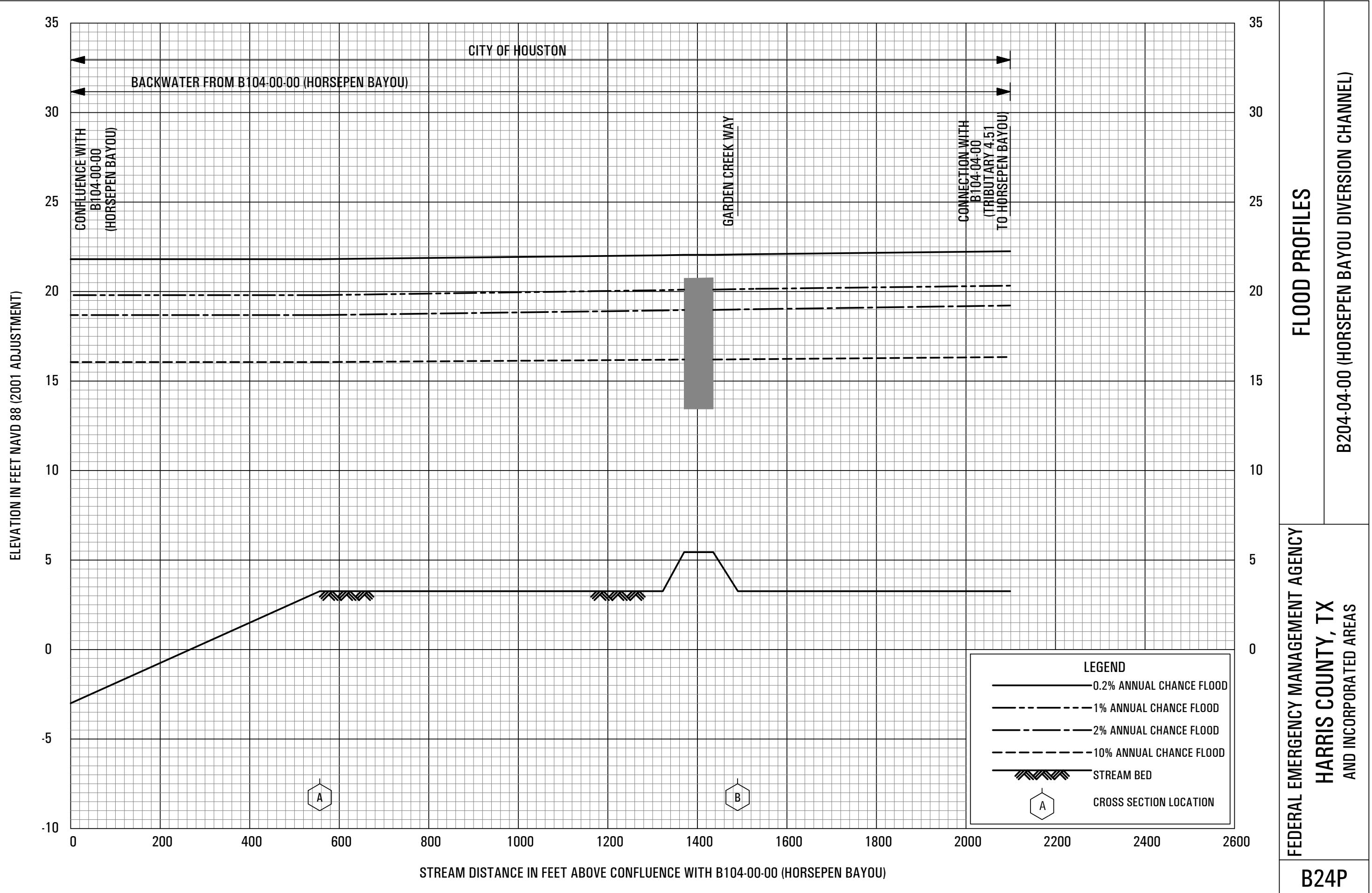




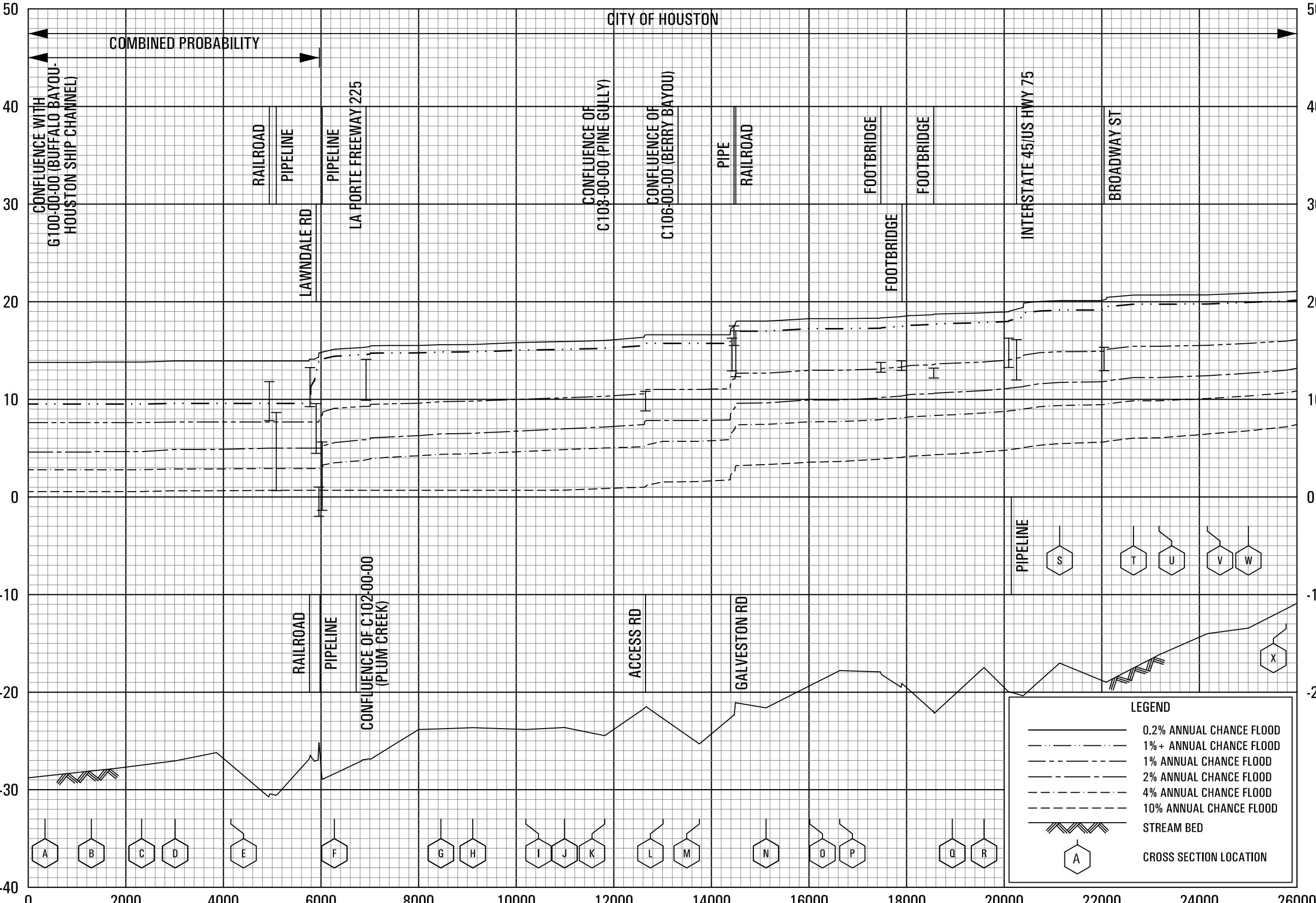
B22P

FLOOD PROFILES





ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



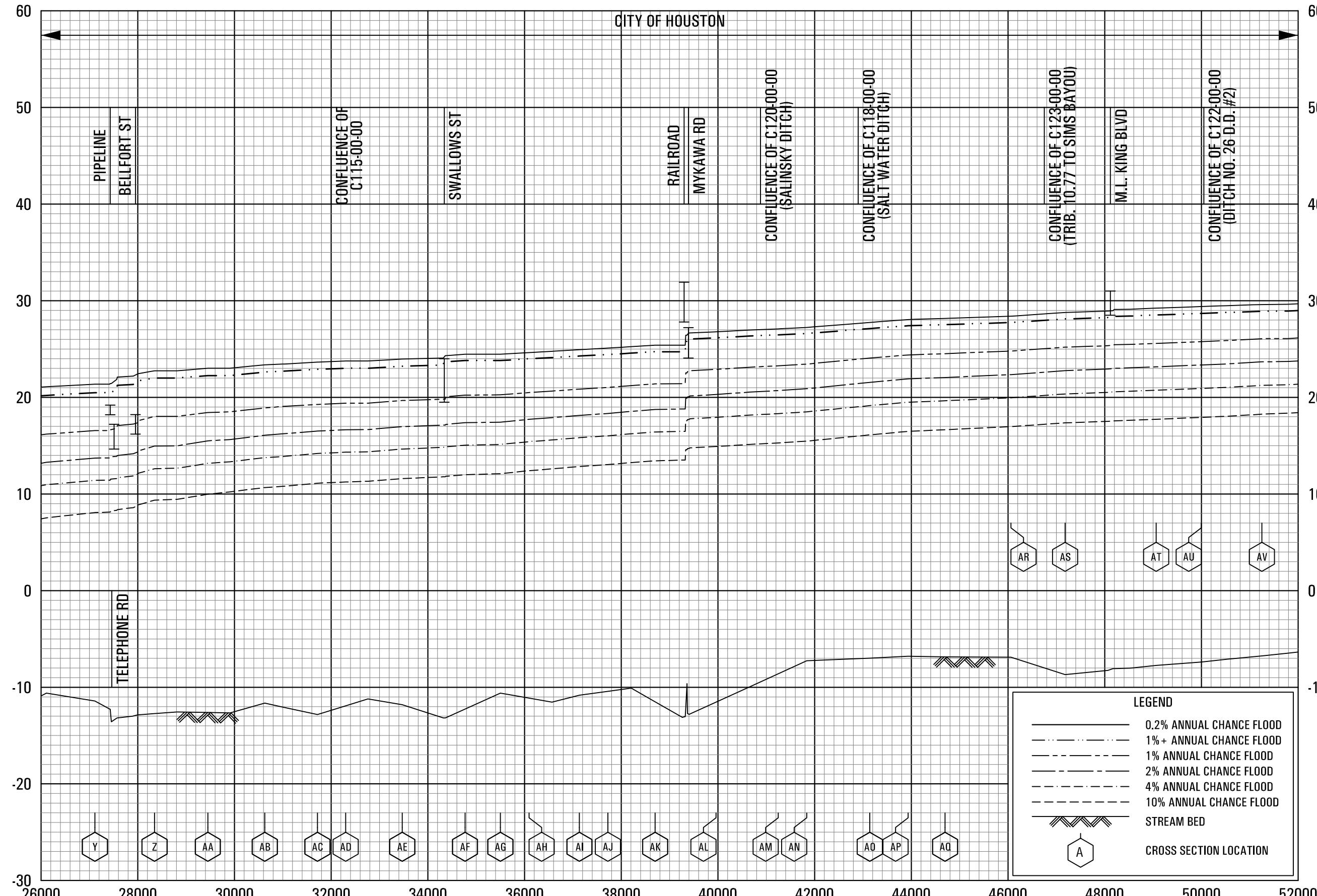
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

C100-00-00 (SIMS BAYOU)

C01P

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

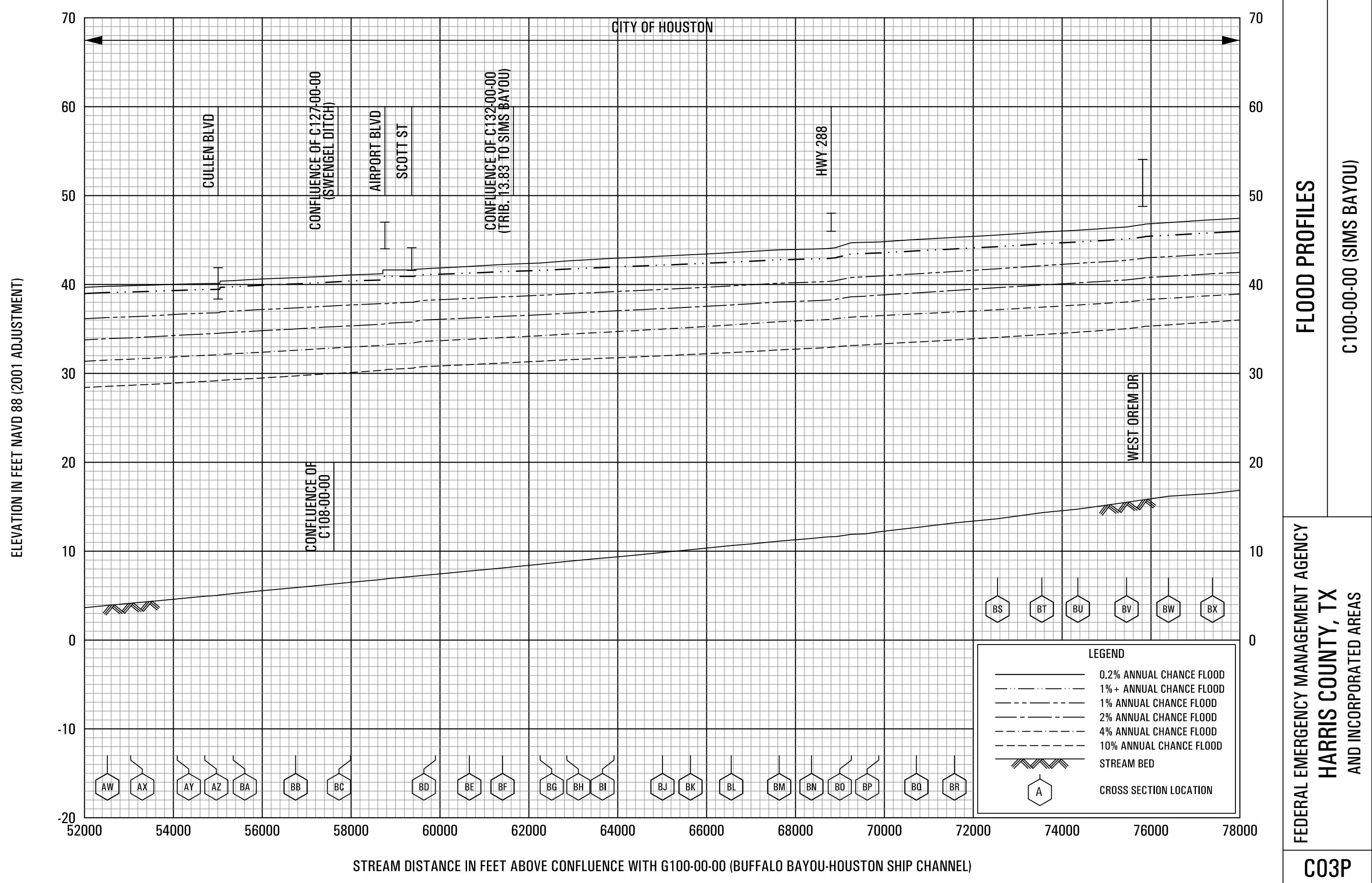


FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

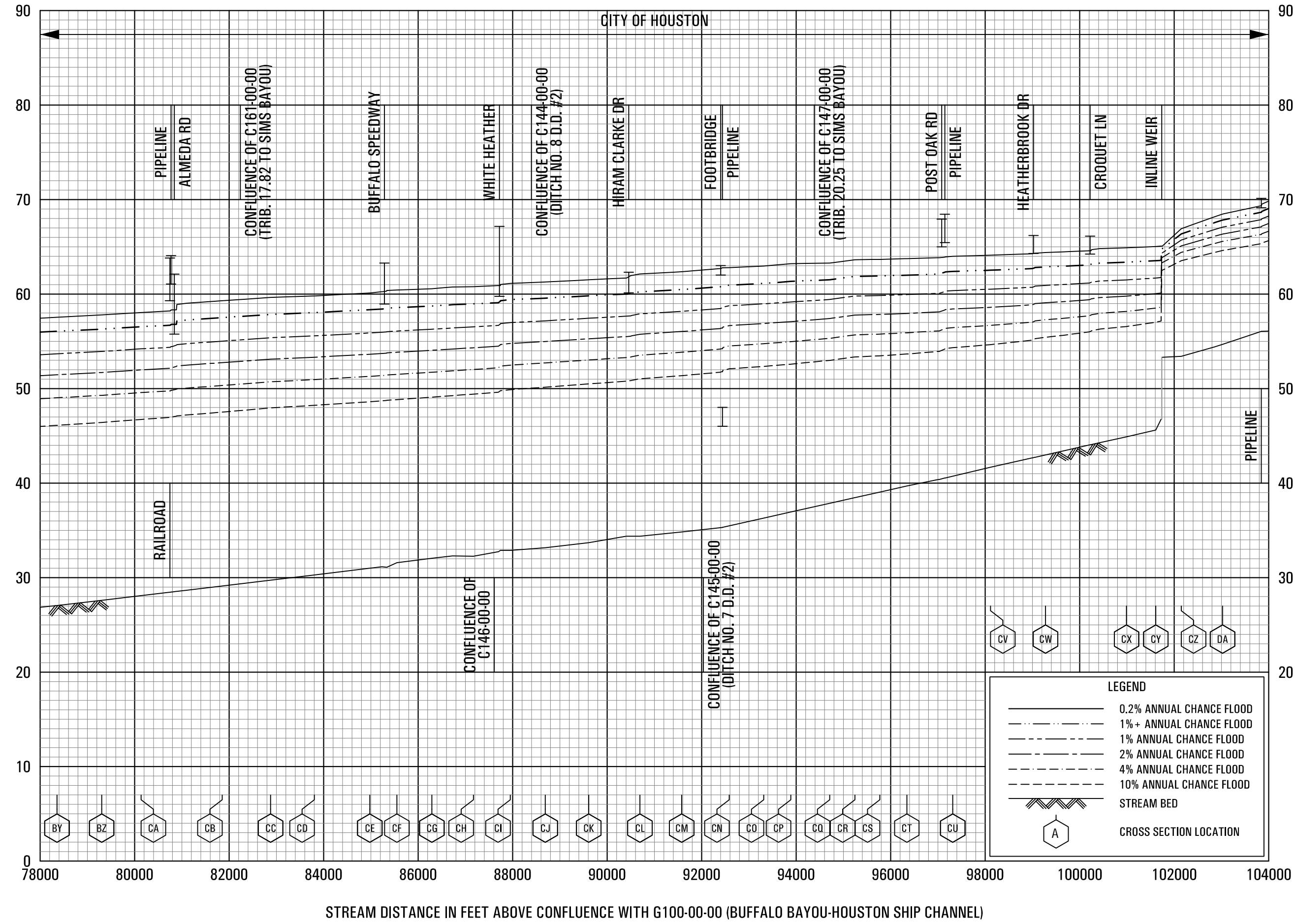
CO2P

FLOOD PROFILES

C100-00-00 (SIMS BAYOU)



ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

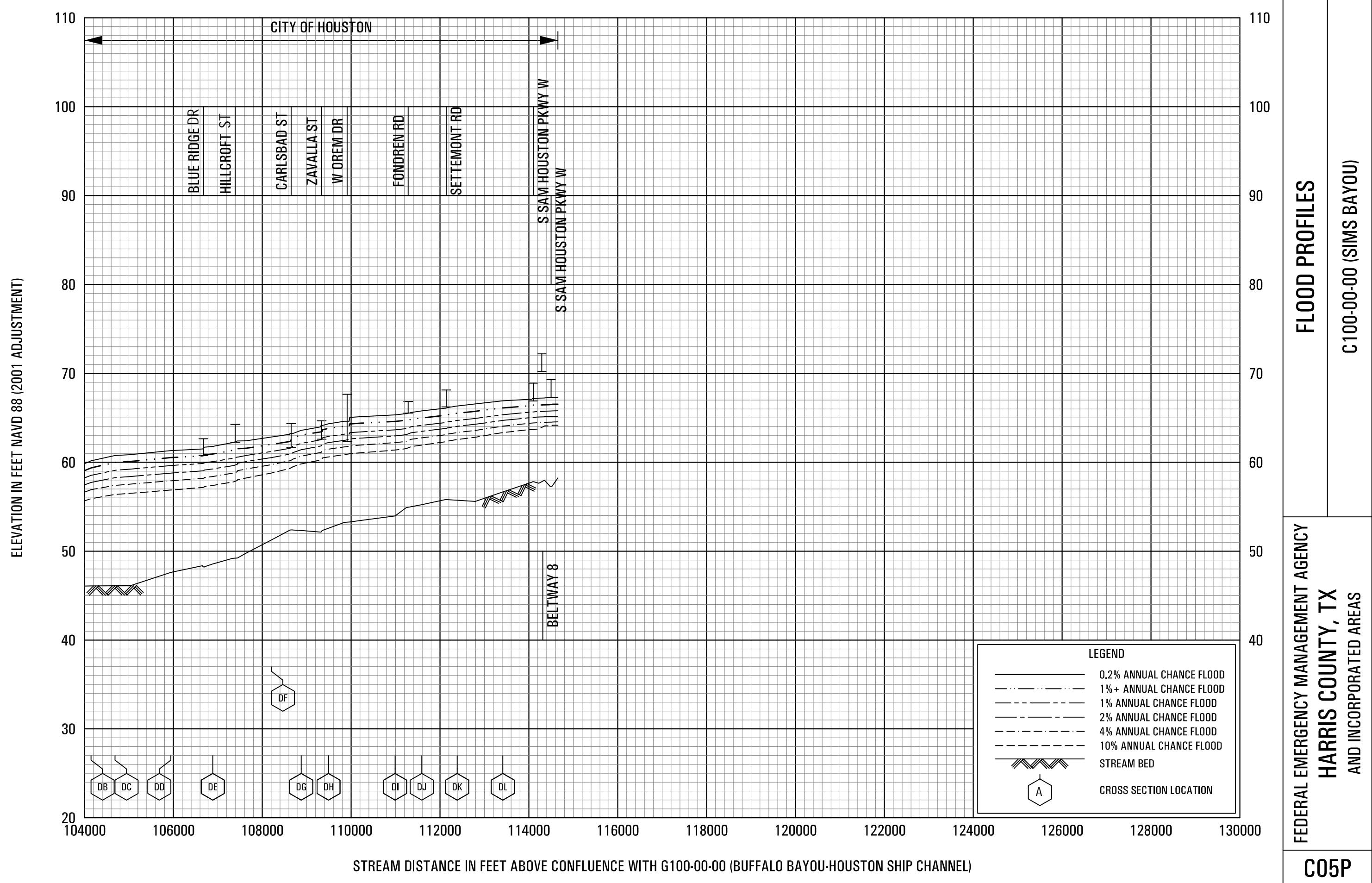


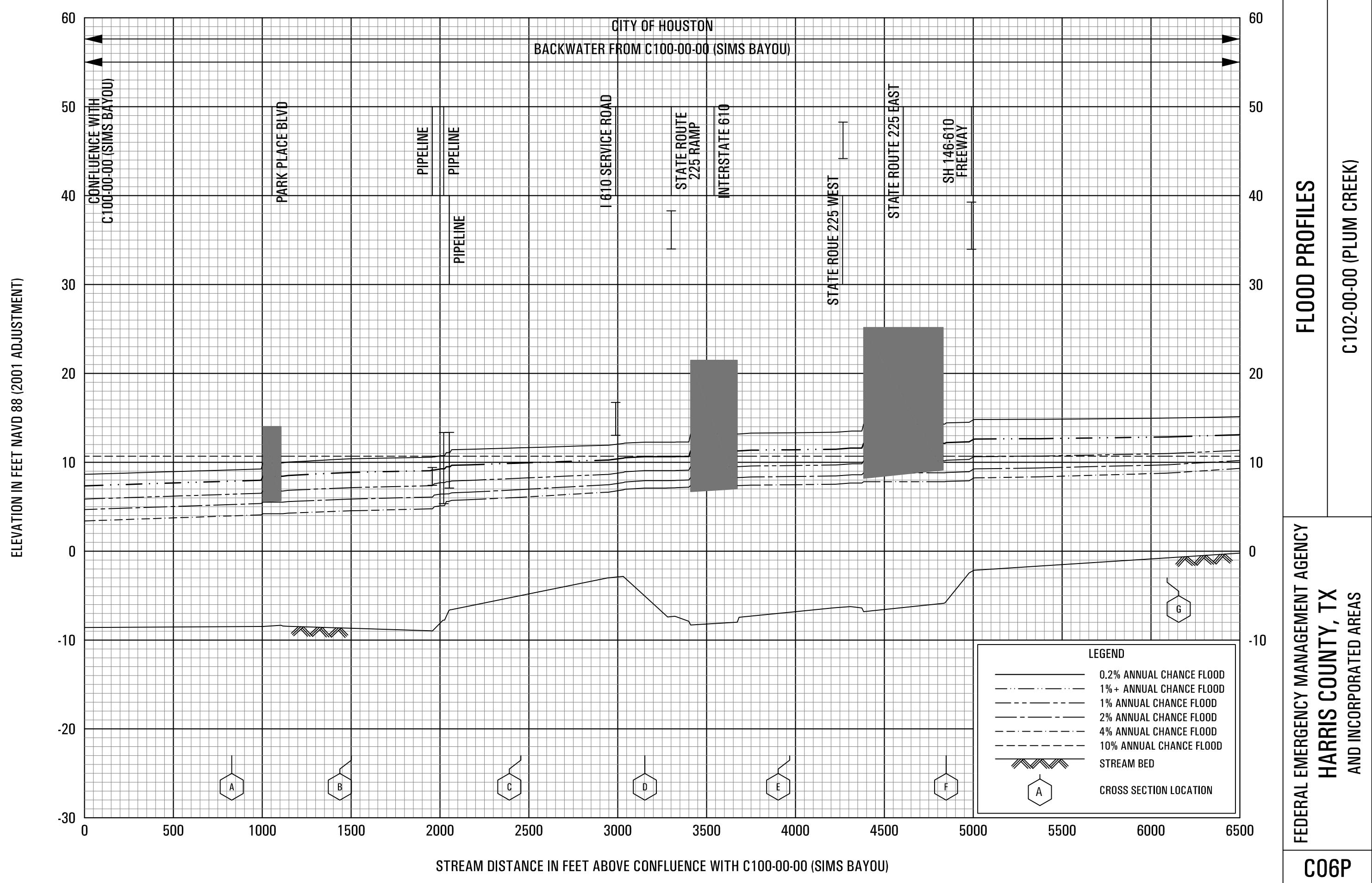
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

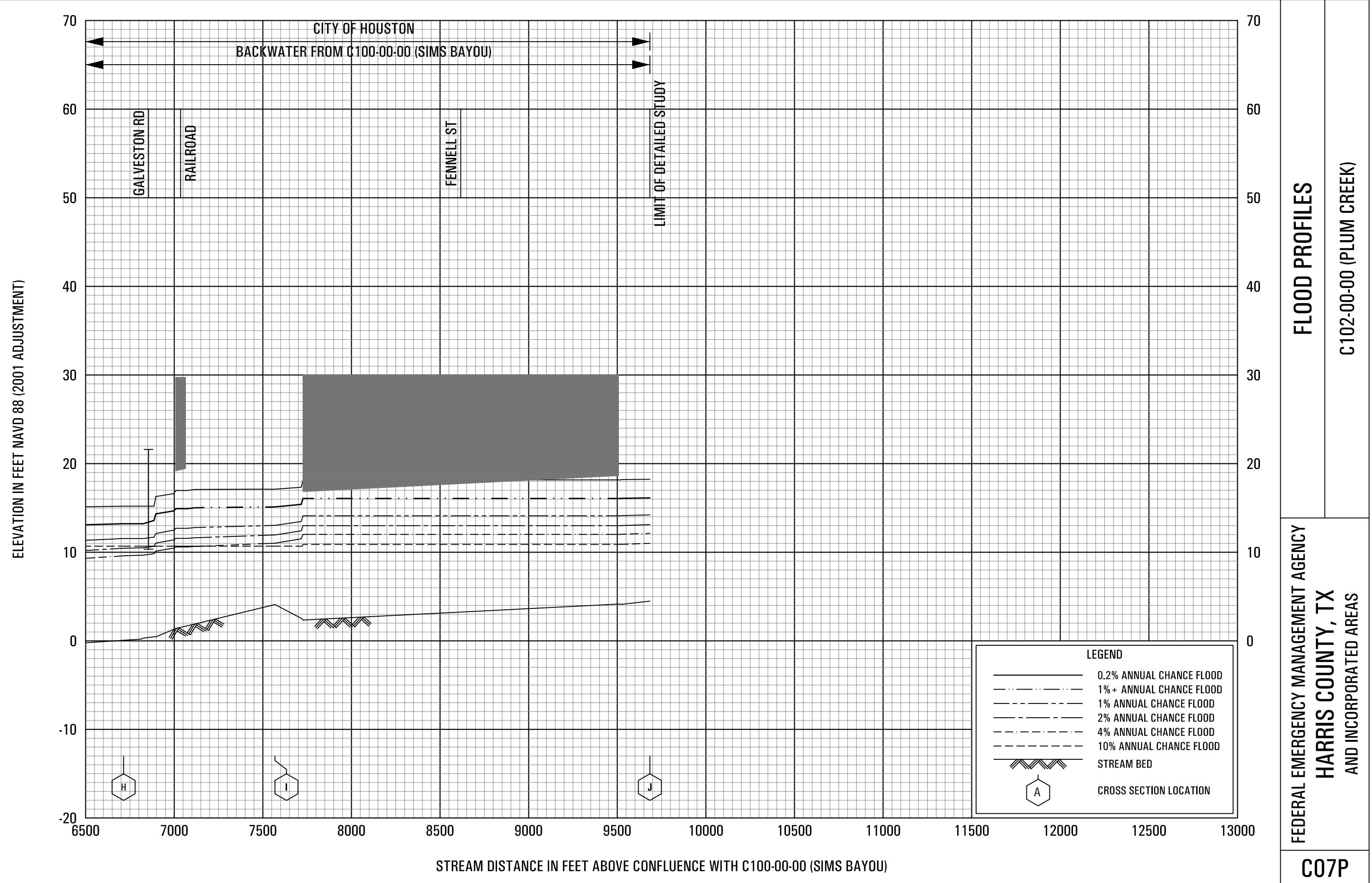
FLOOD PROFILES

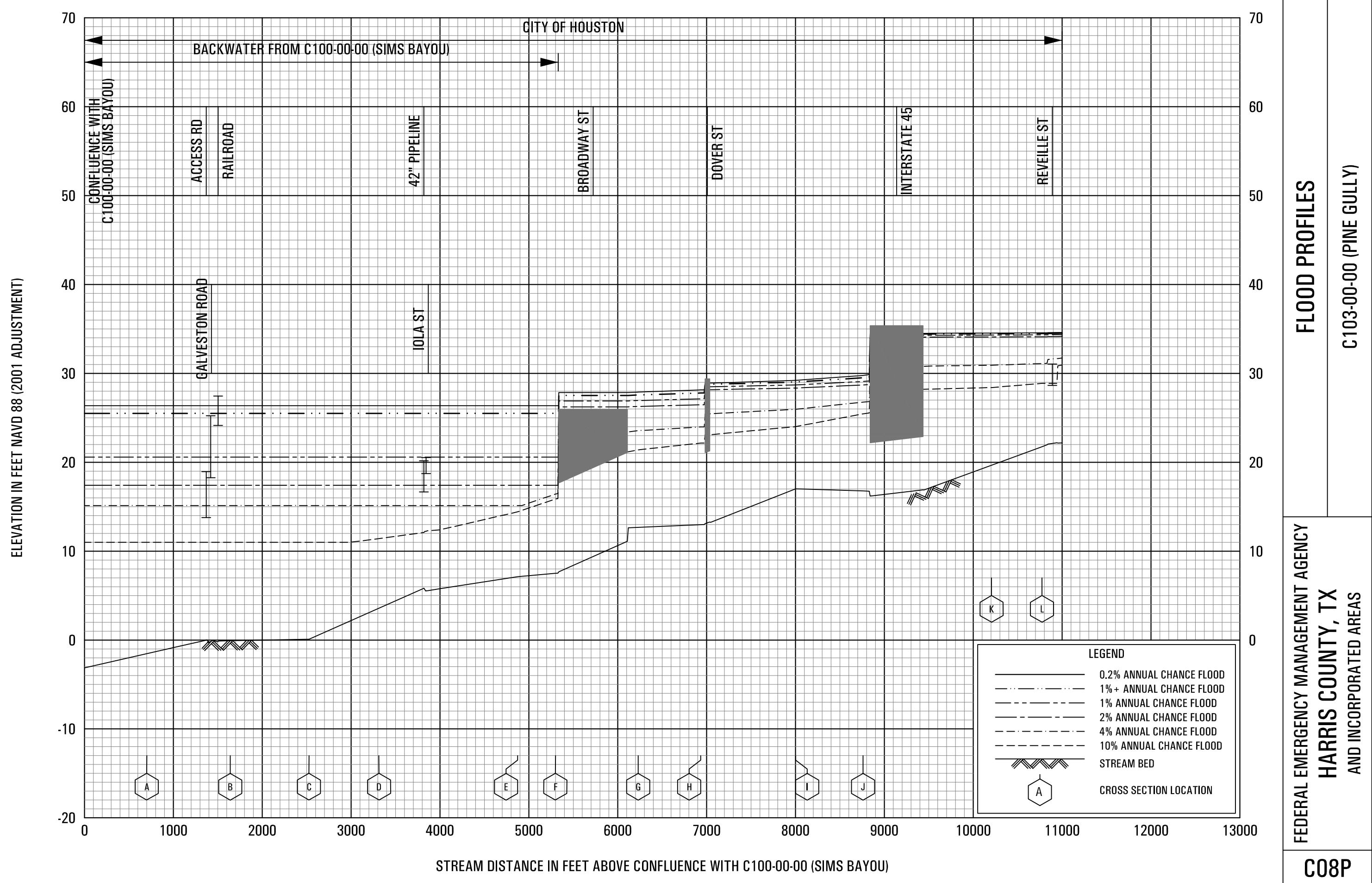
C100-00-00 (SIMS BAYOU)

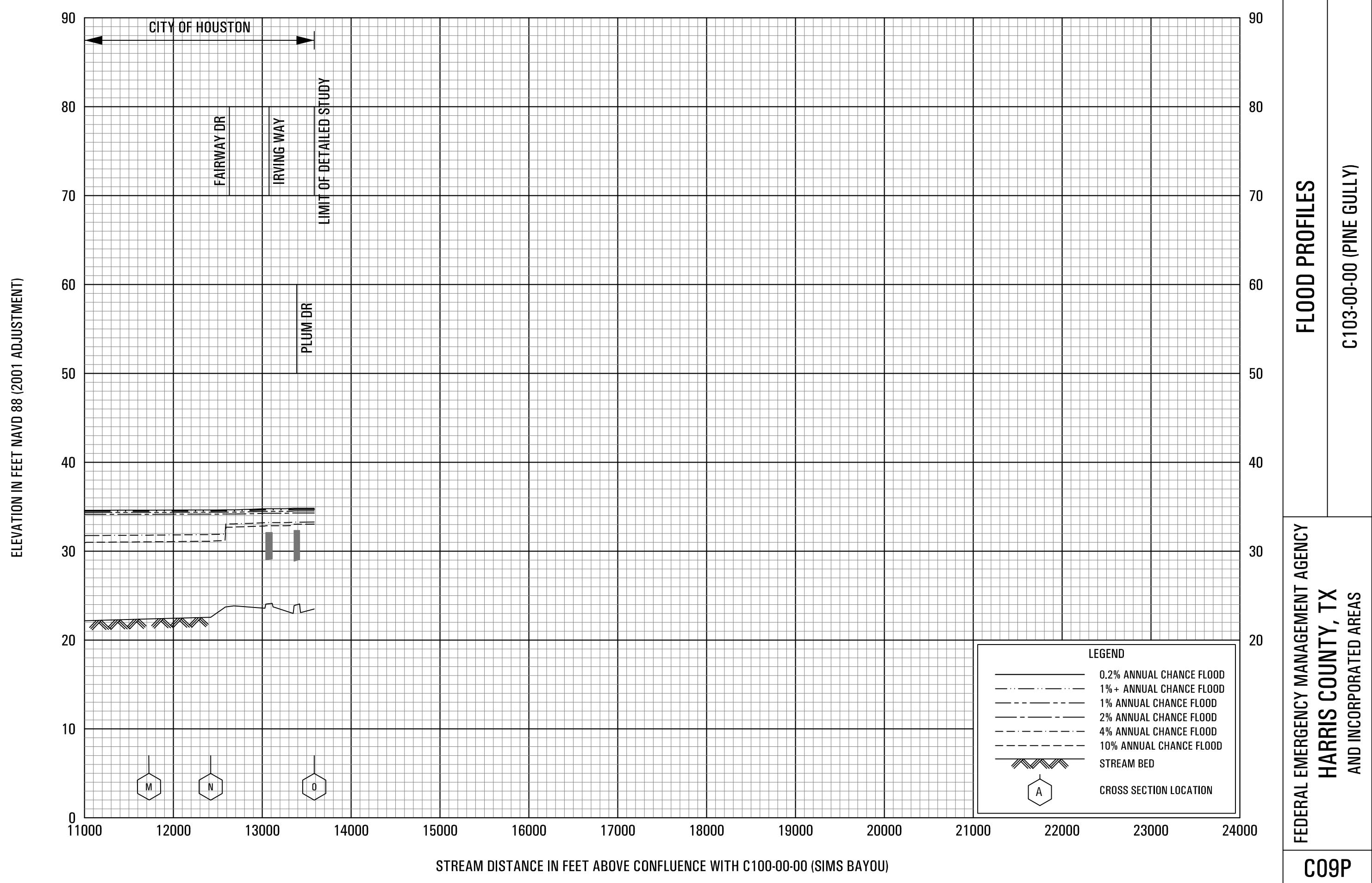
CO4P

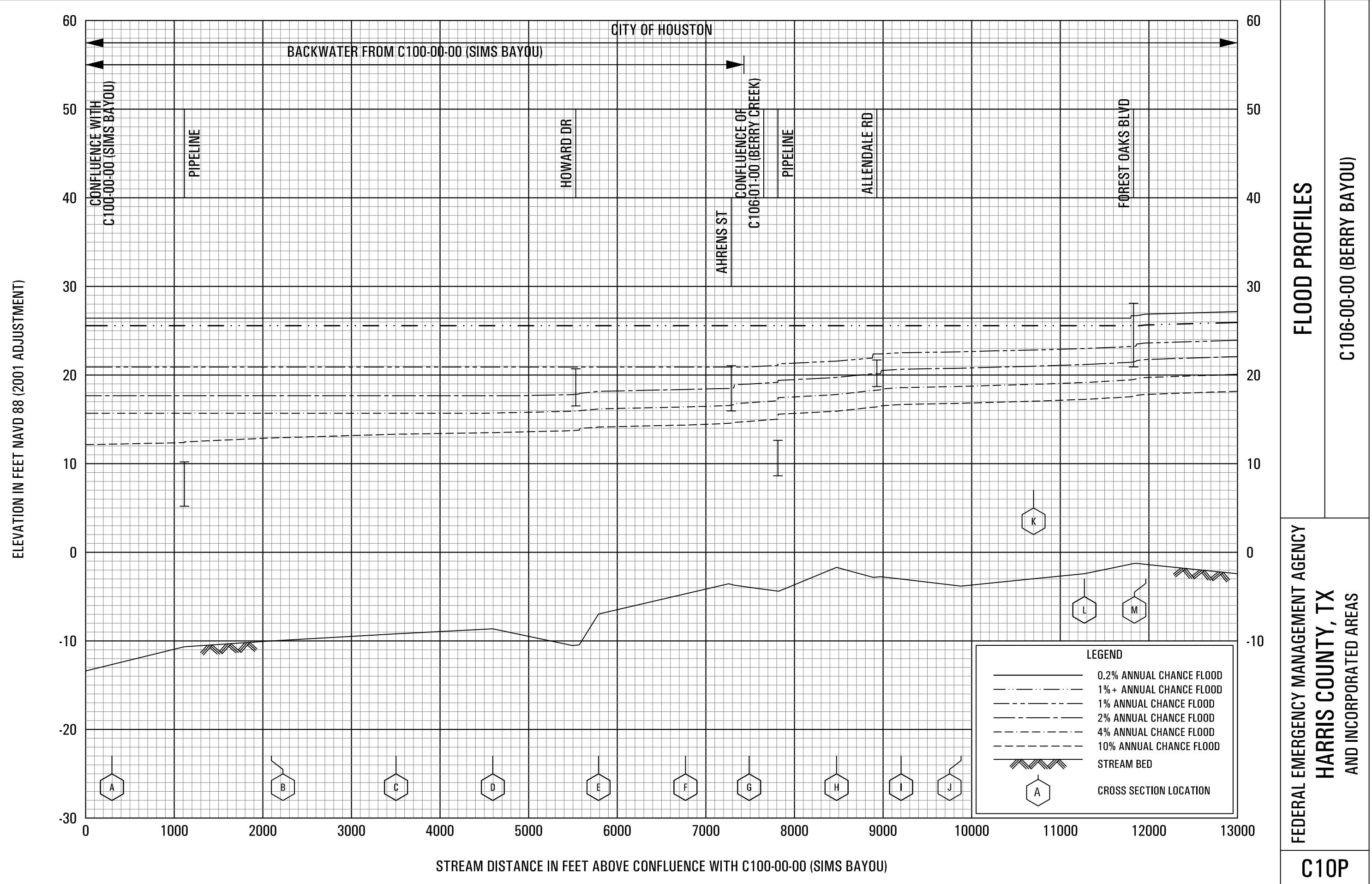




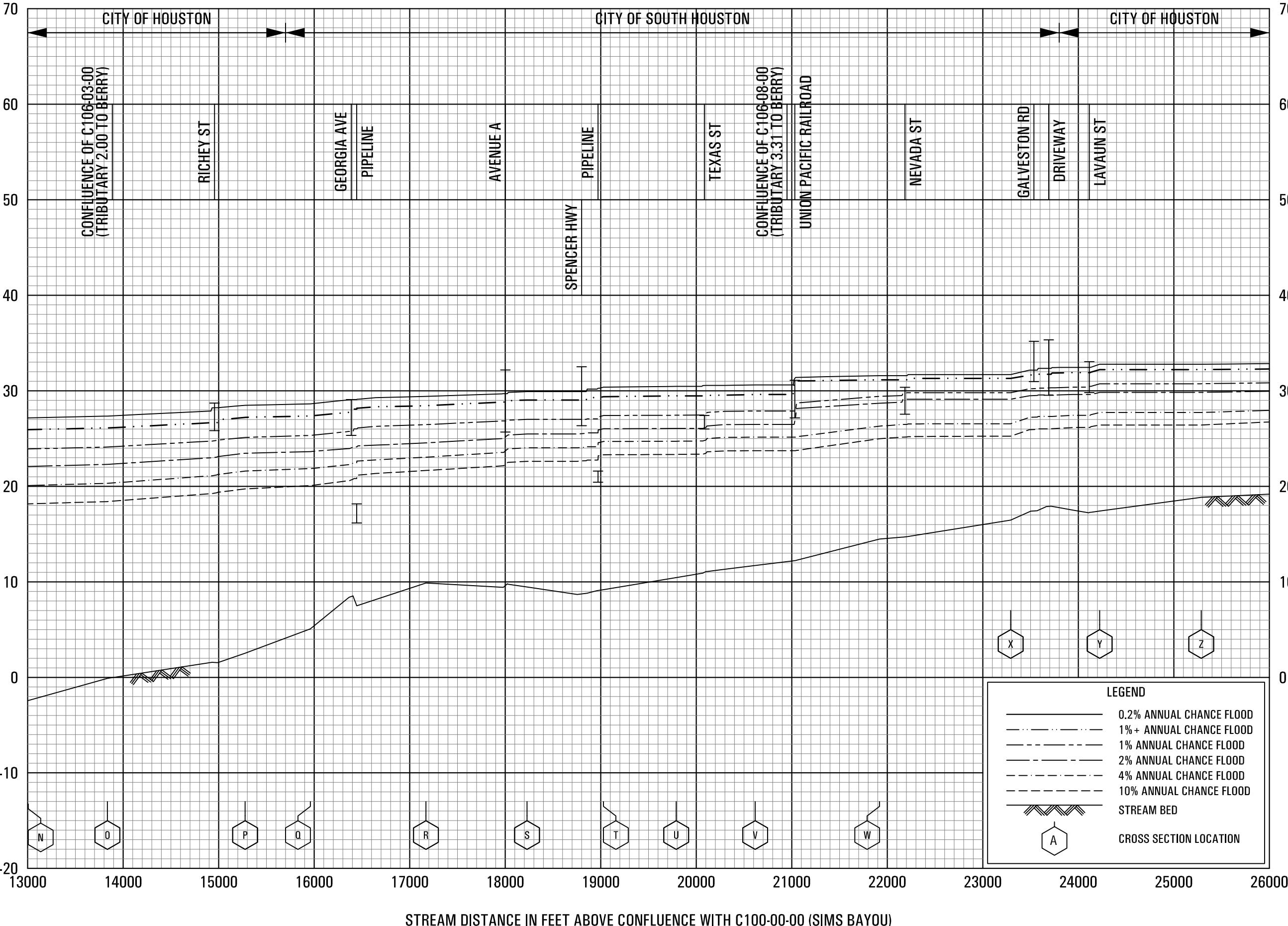








ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

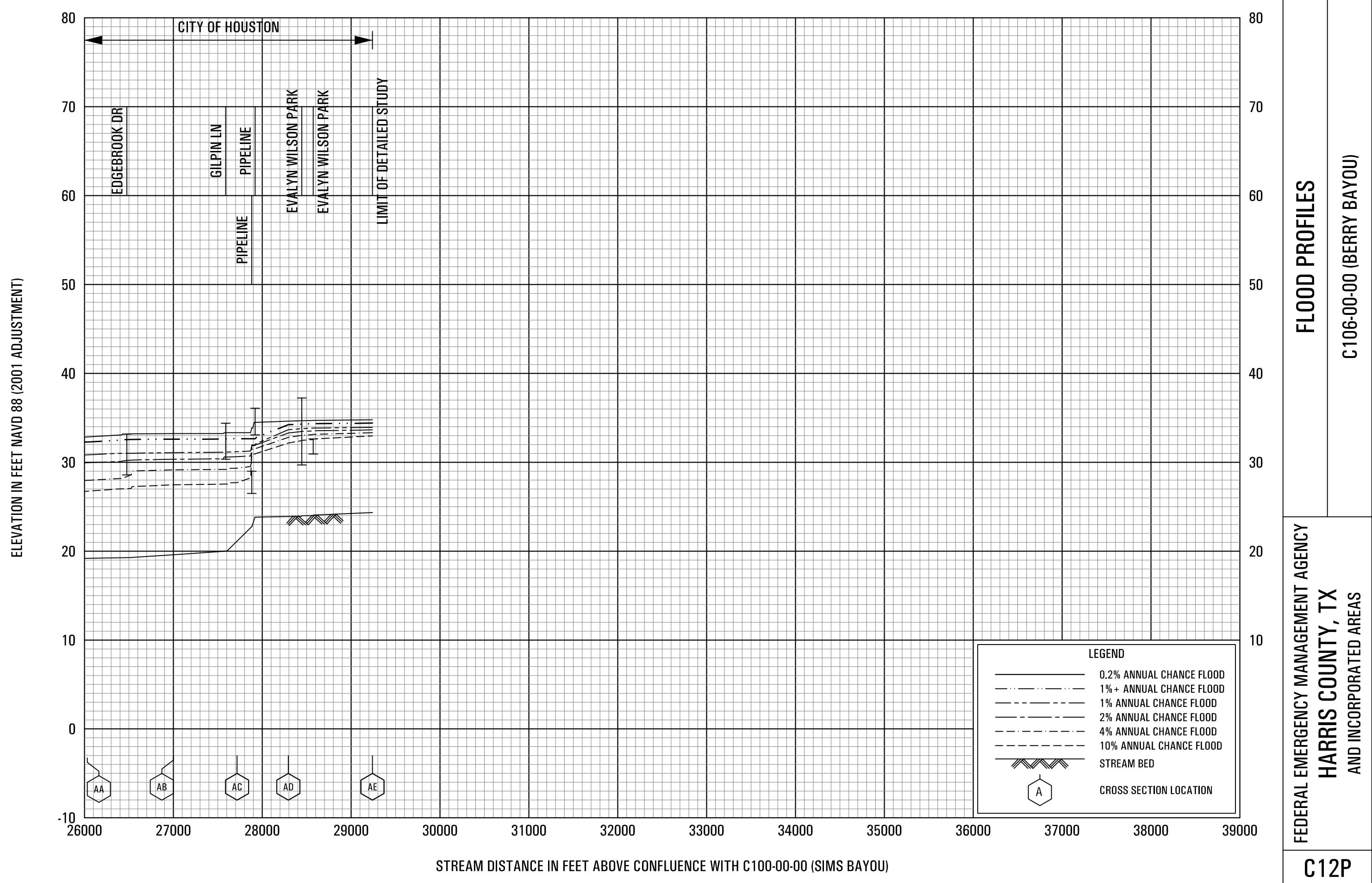


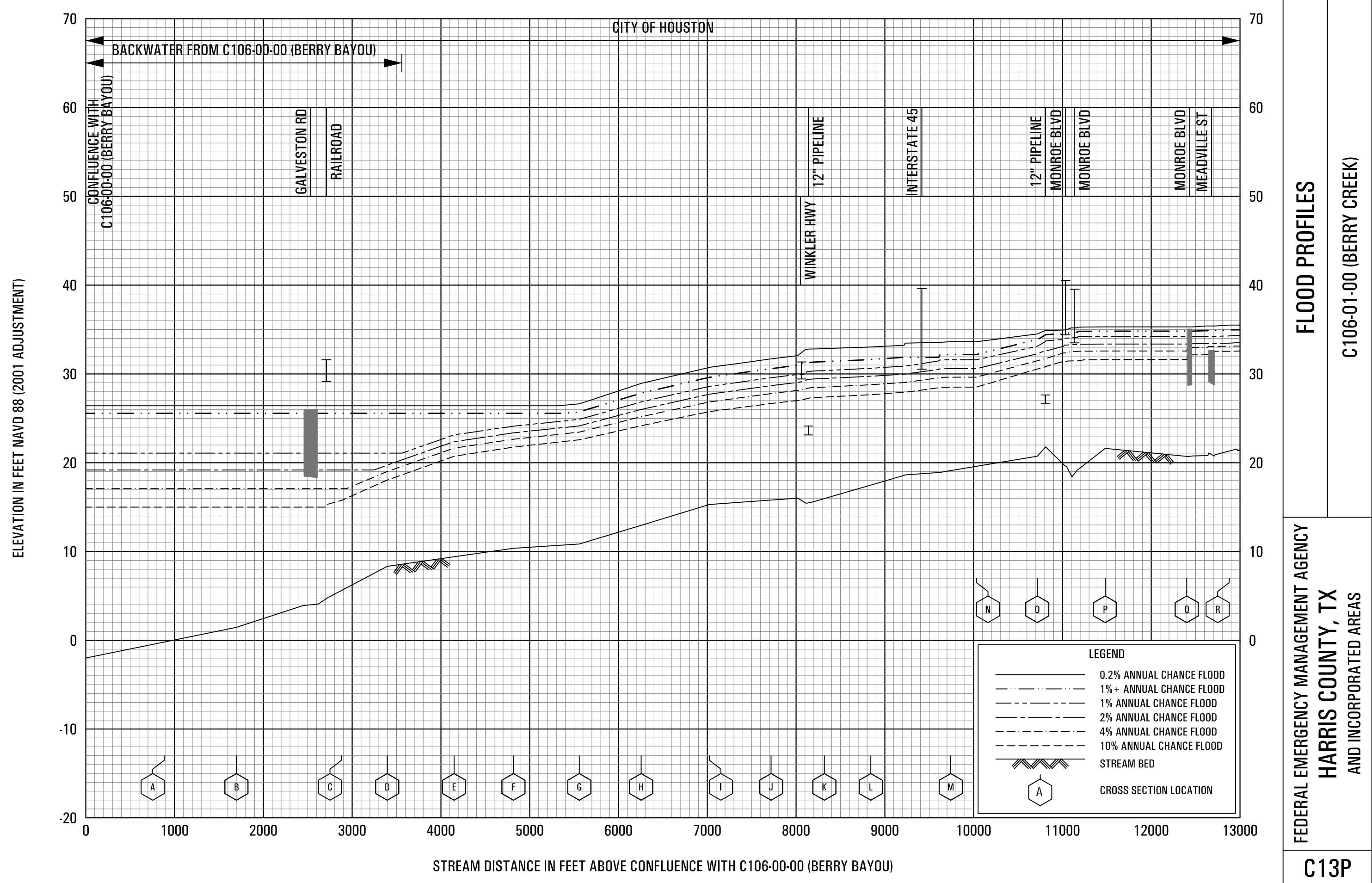
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

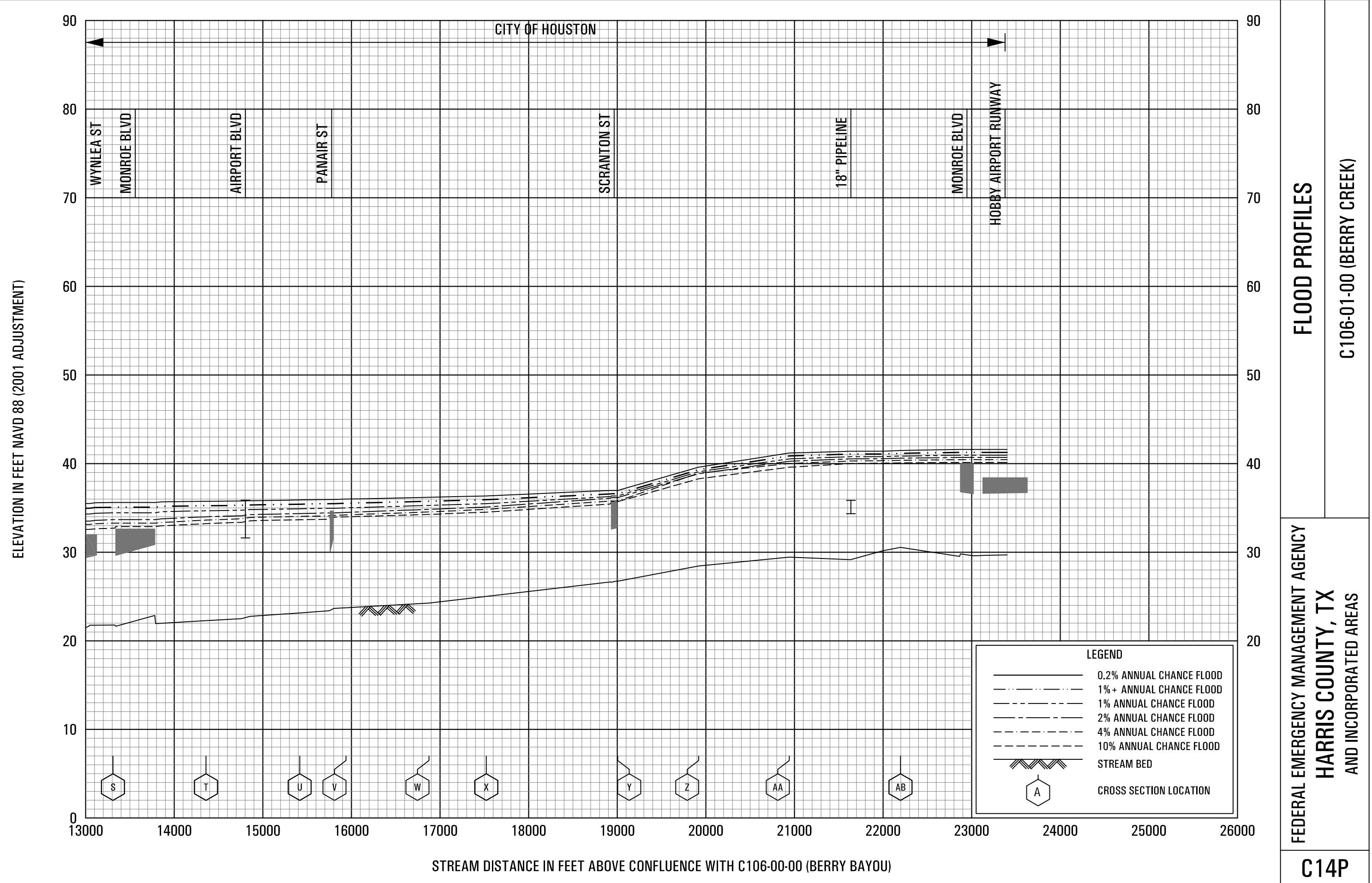
C11P

FLOOD PROFILES

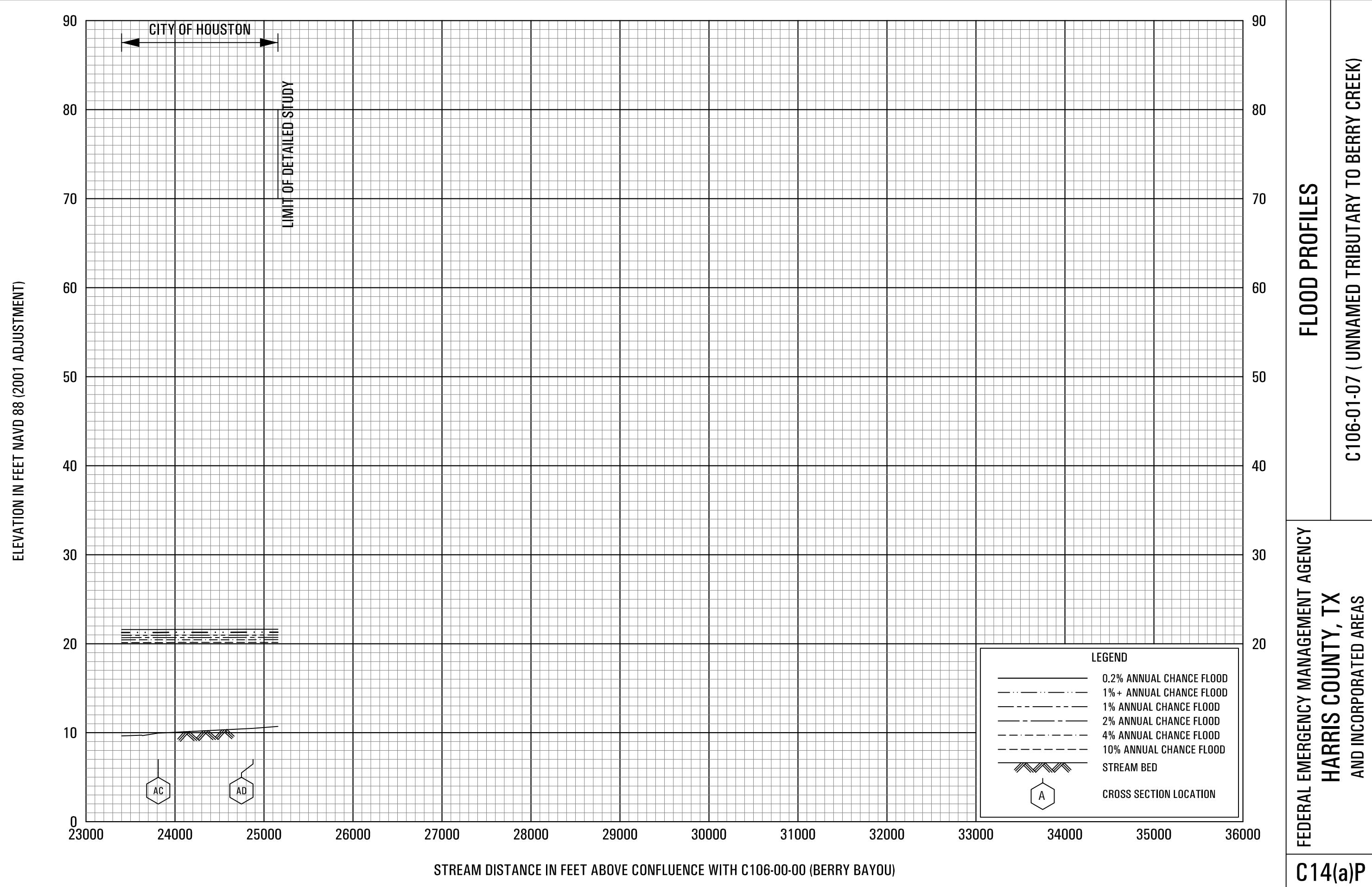
C106-00-00 (BERRY BAYOU)



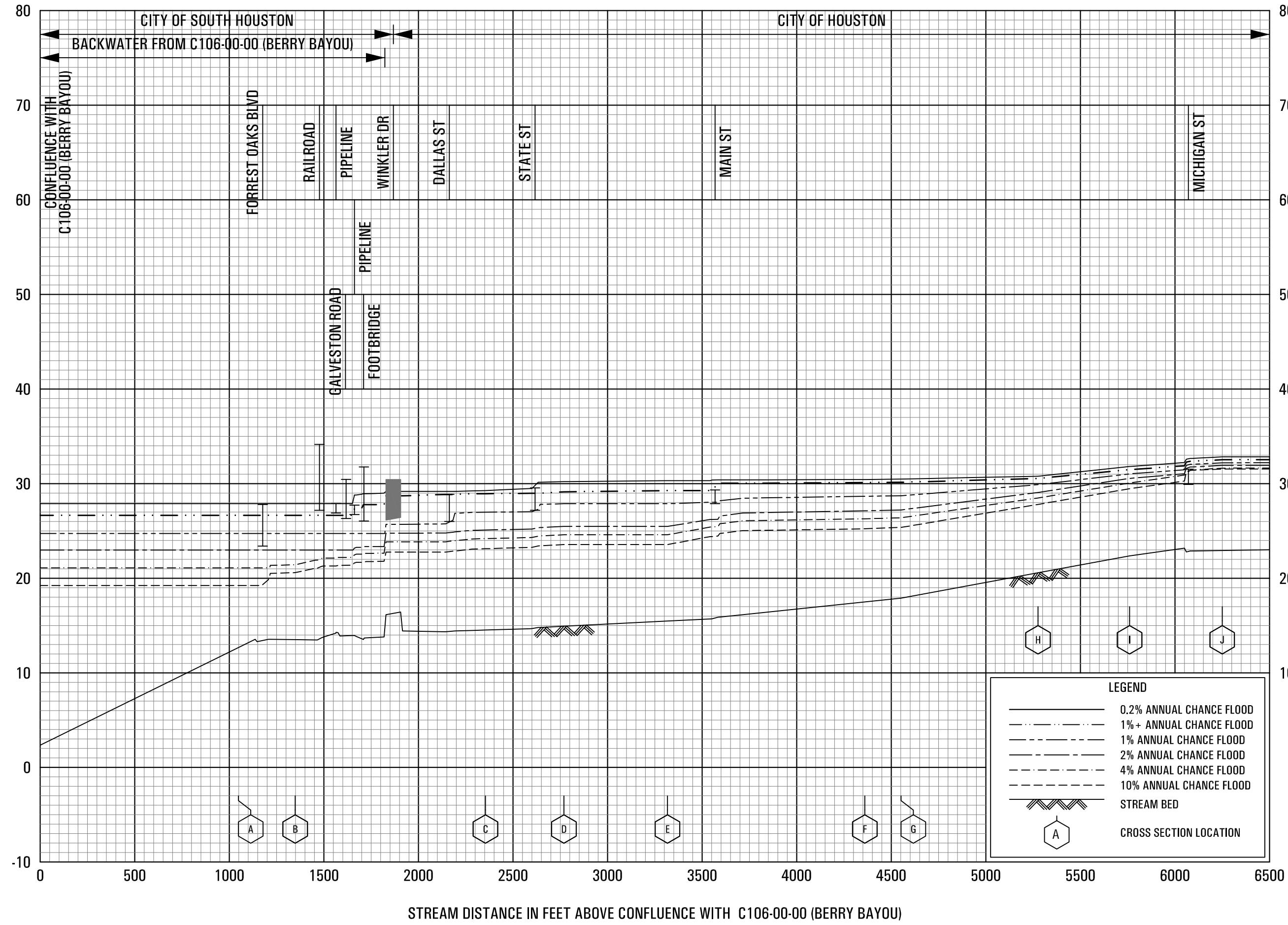




C14P



ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

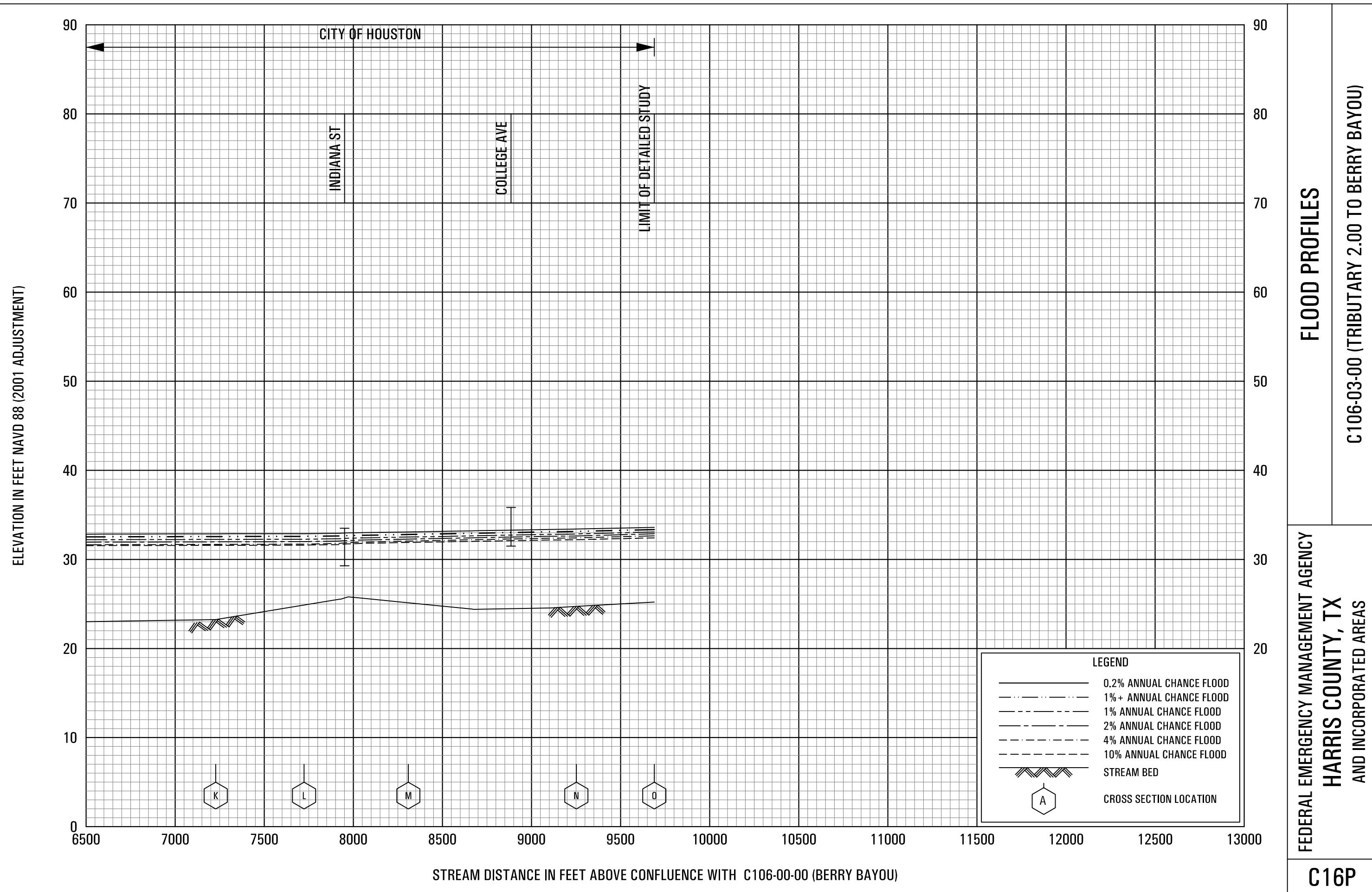


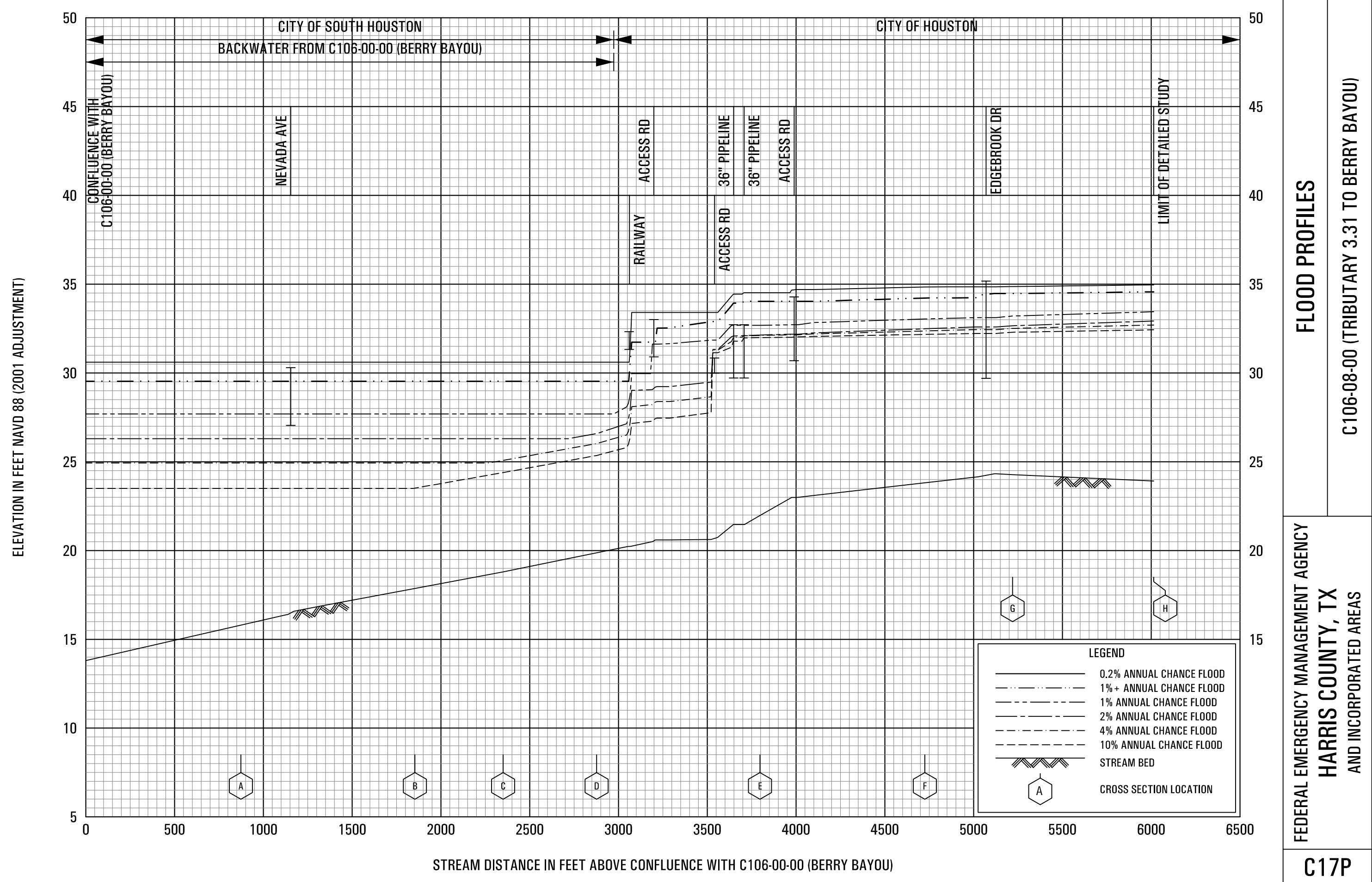
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

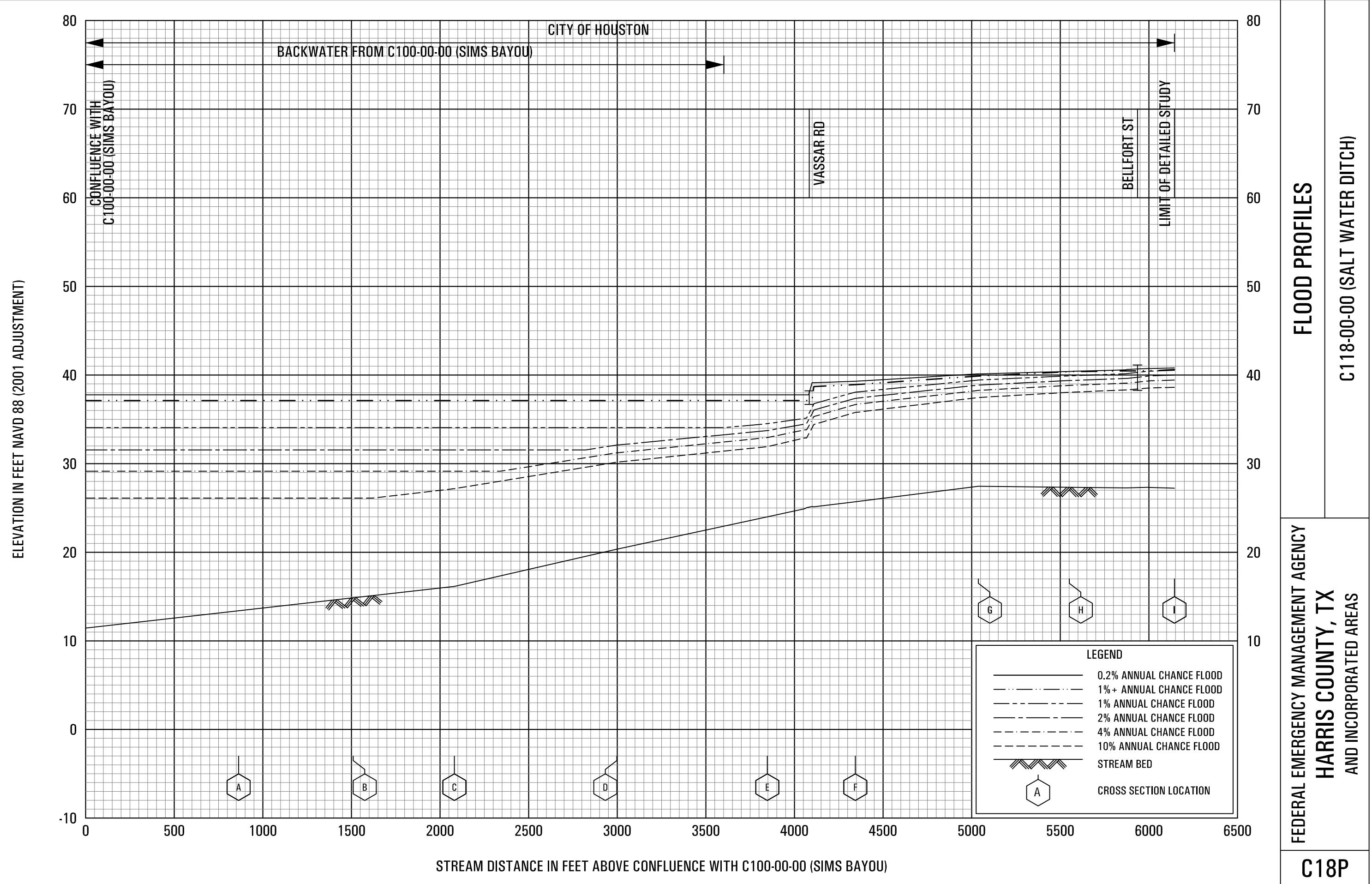
FLOOD PROFILES

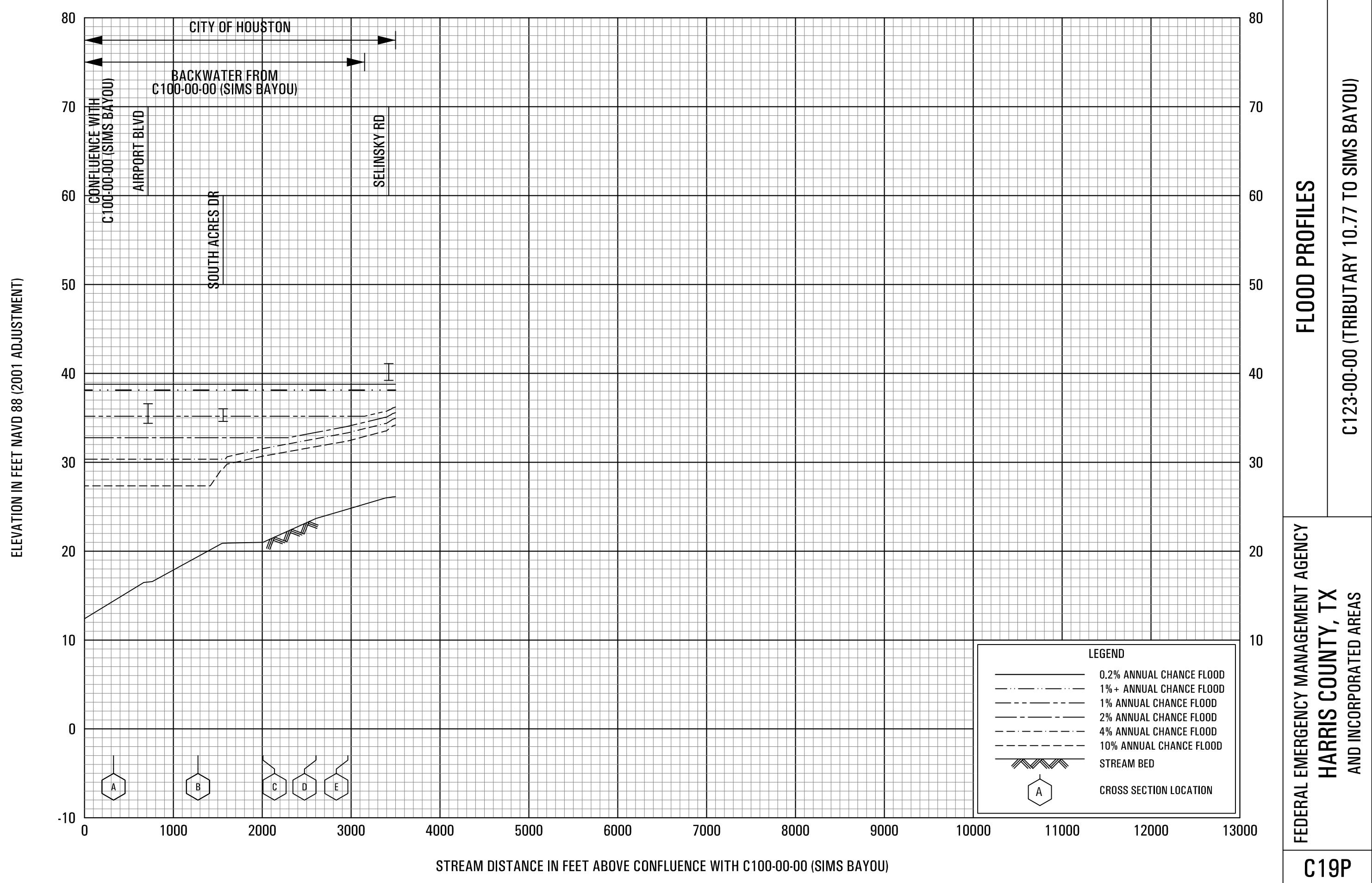
C106-03-00 (TRIBUTARY 2.00 TO BERRY BAYOU)

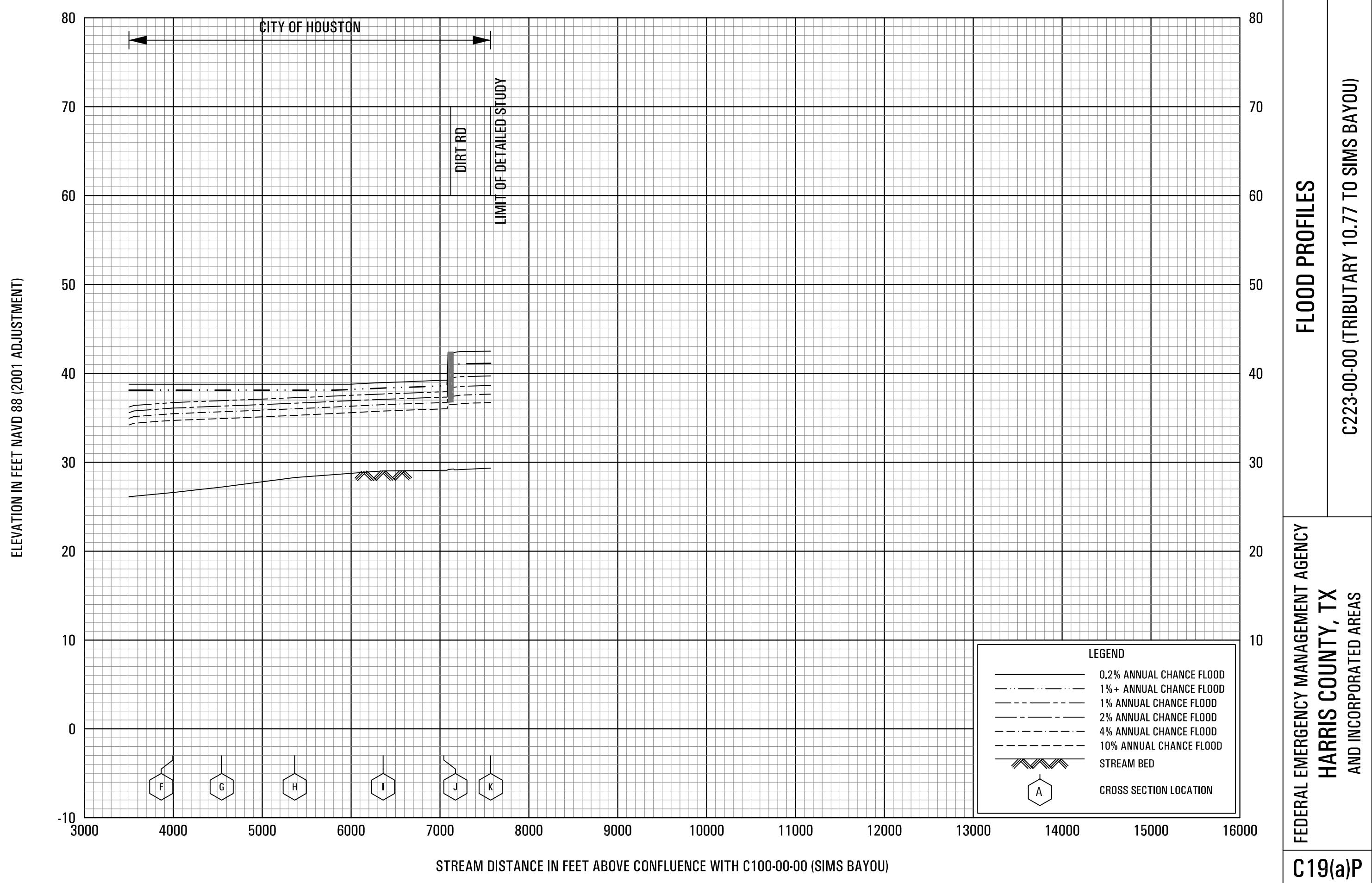
C15P





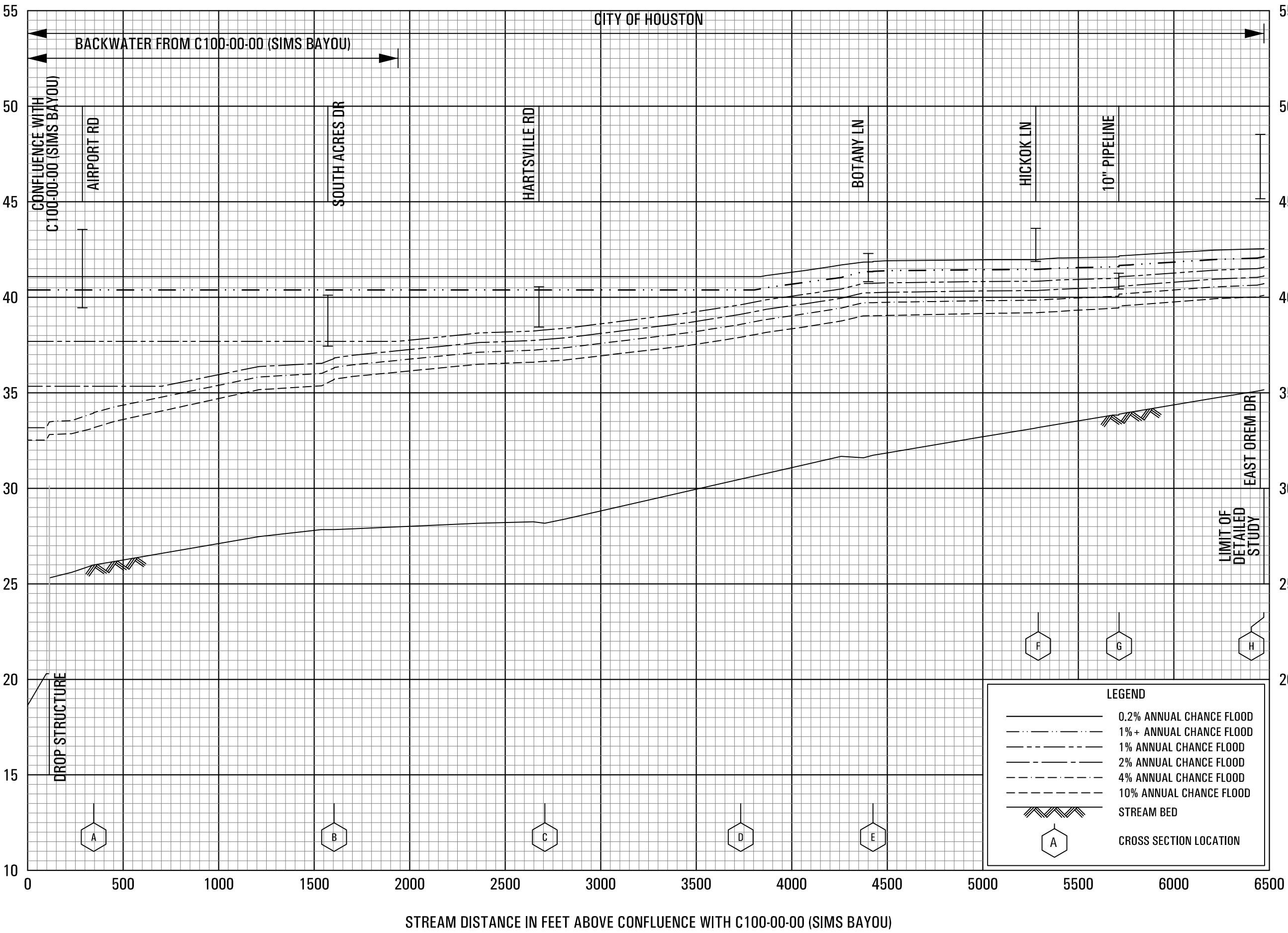






C19(a)P

ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

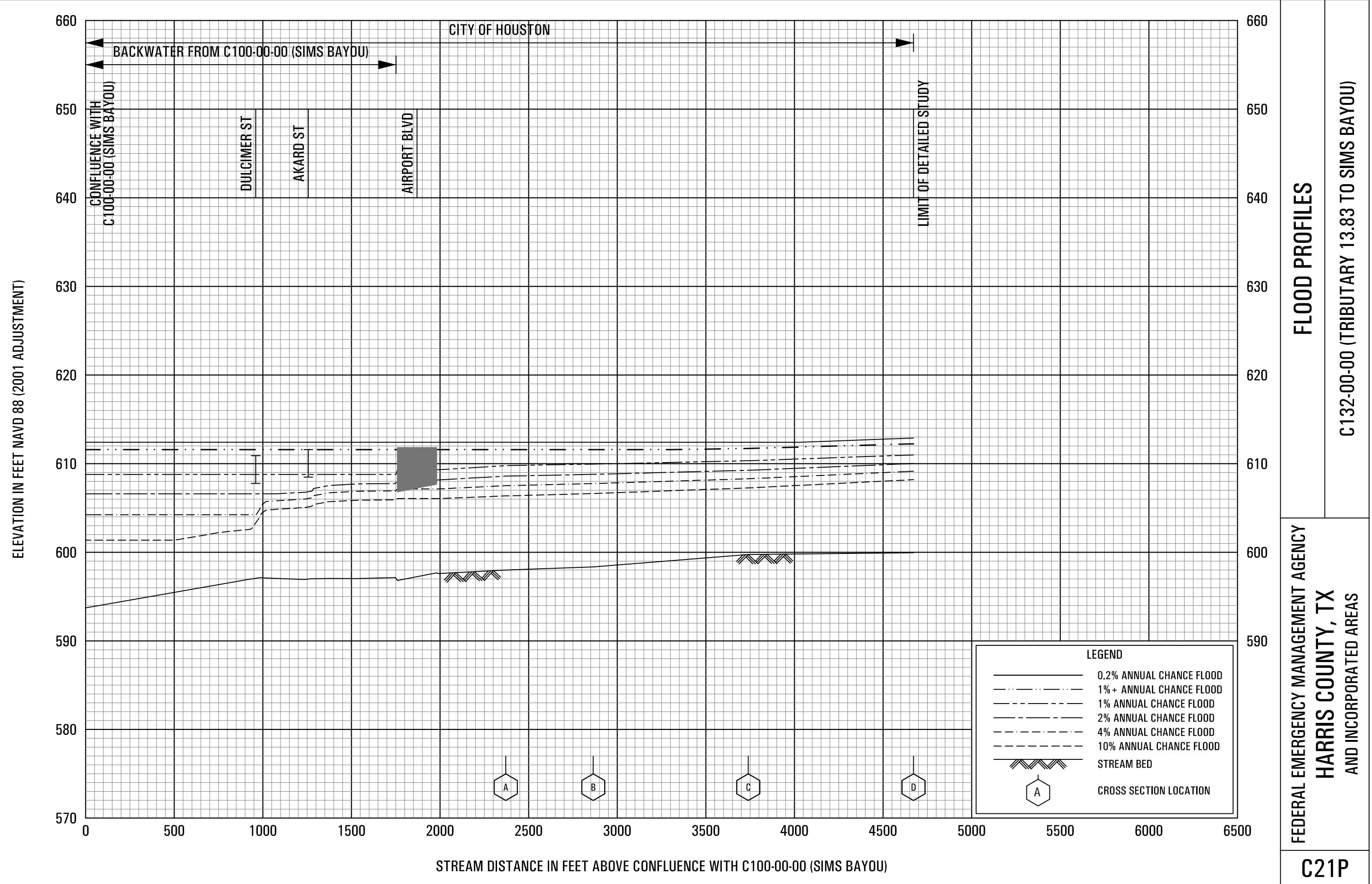


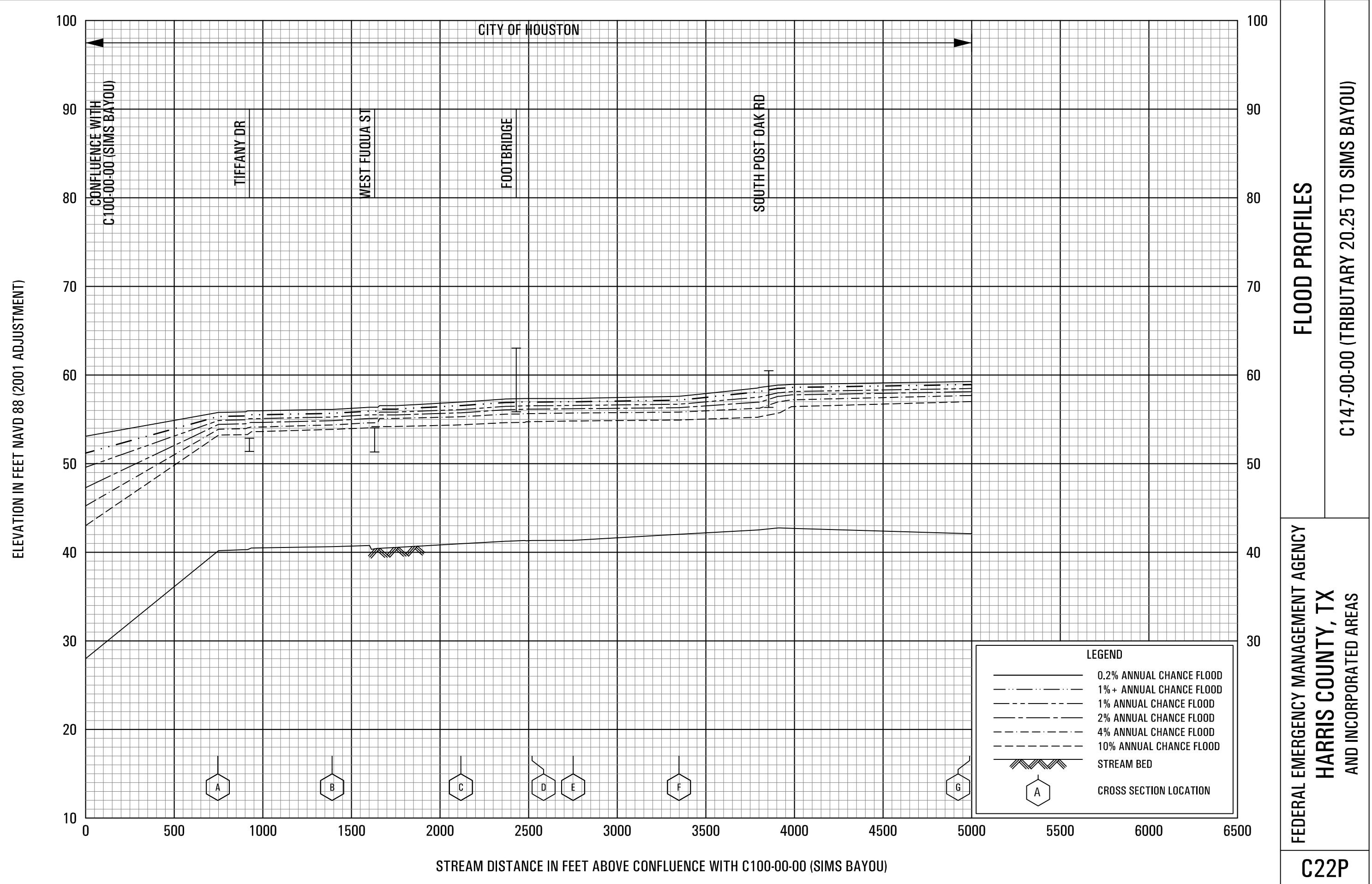
FLOOD PROFILES

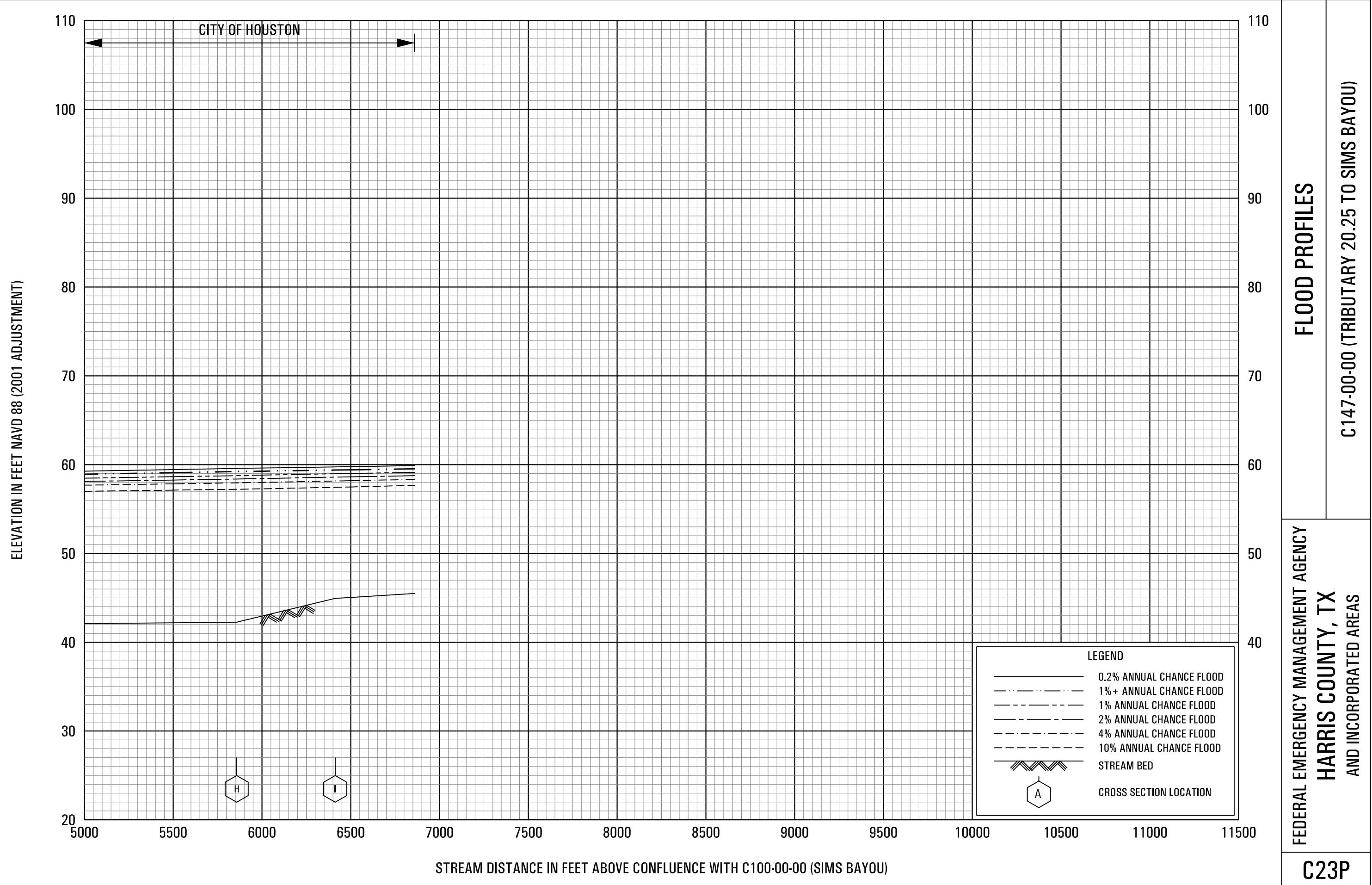
C127-00-00 (SWENGEL DITCH)

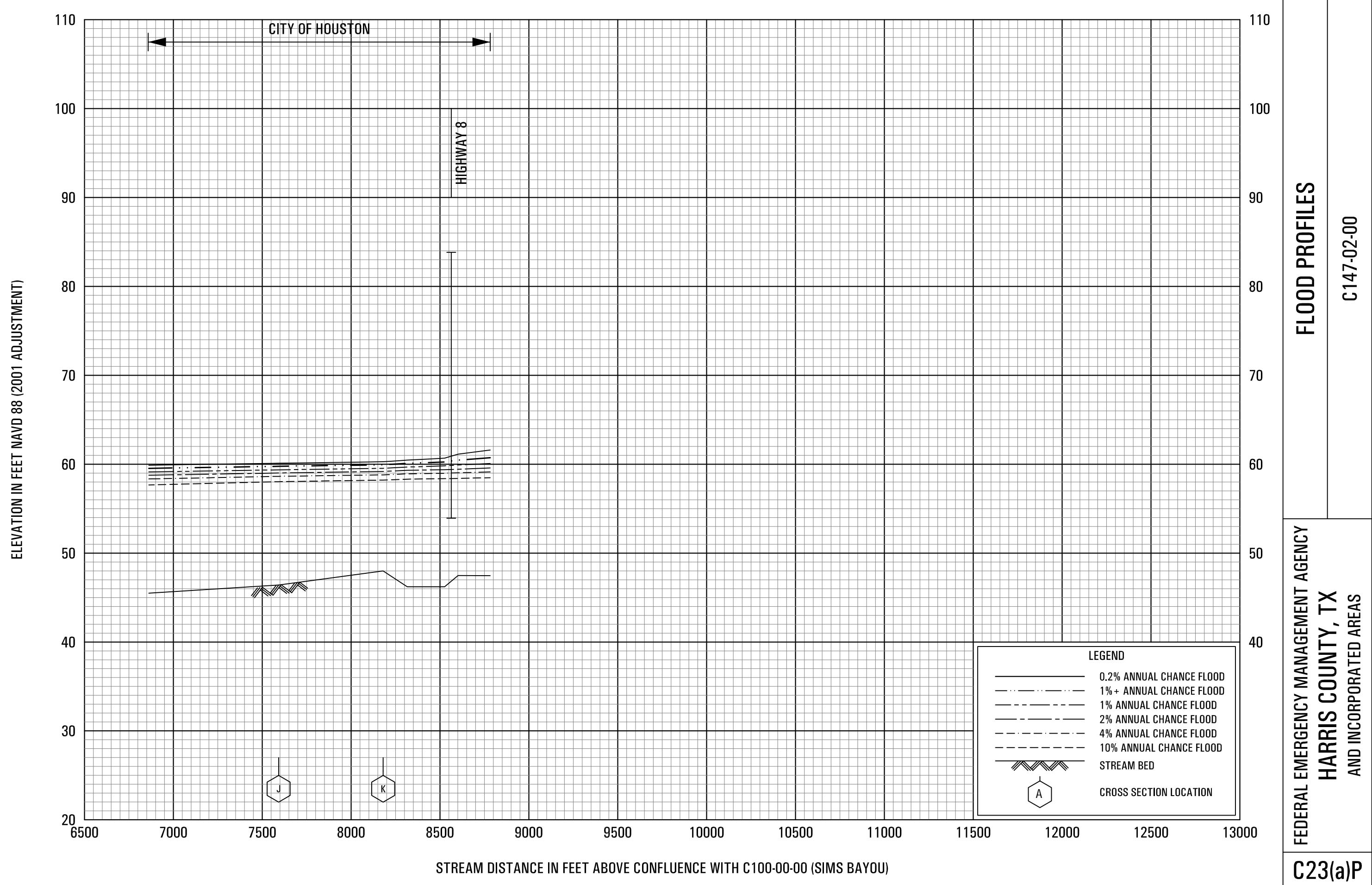
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

C20P





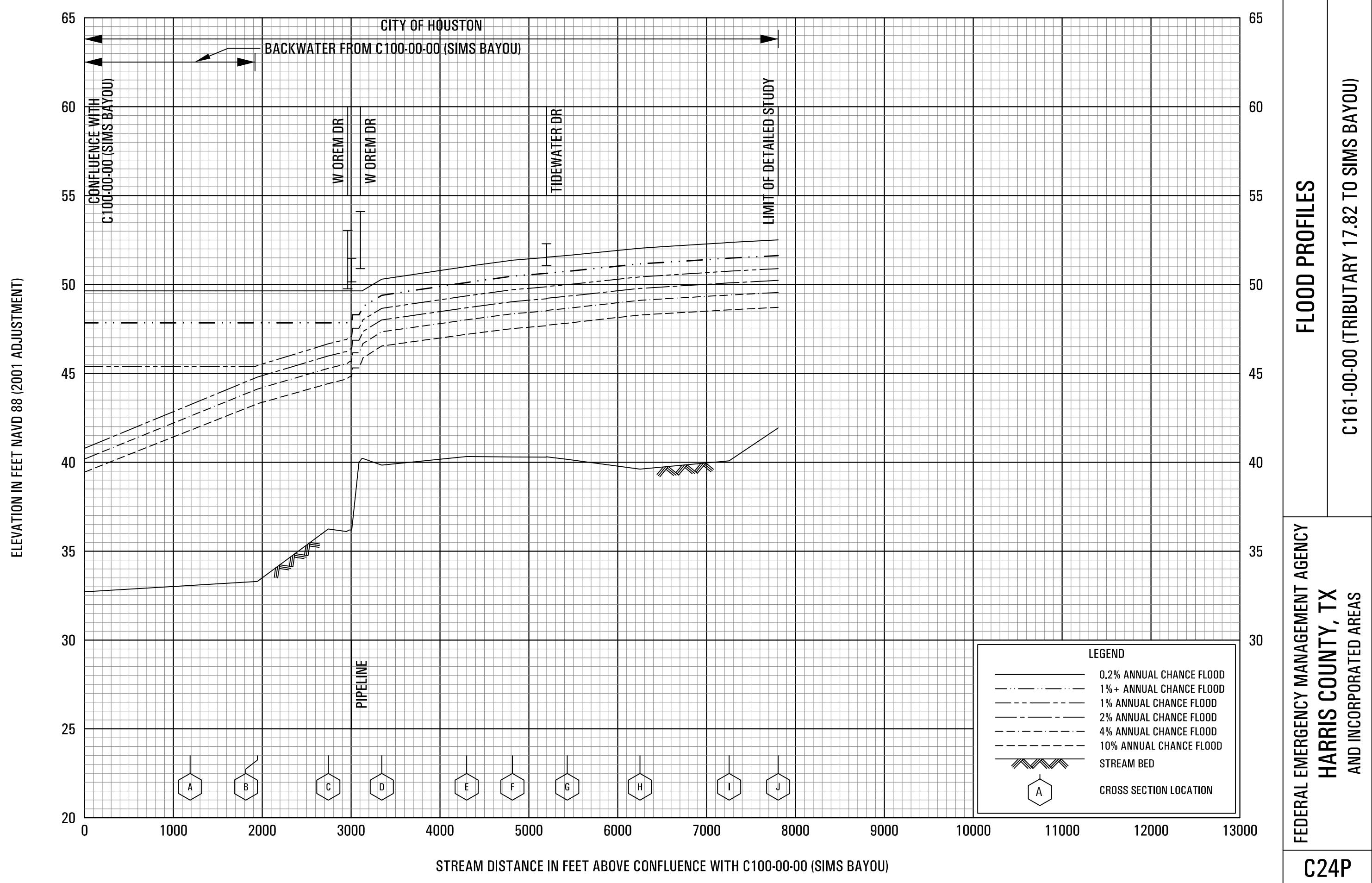


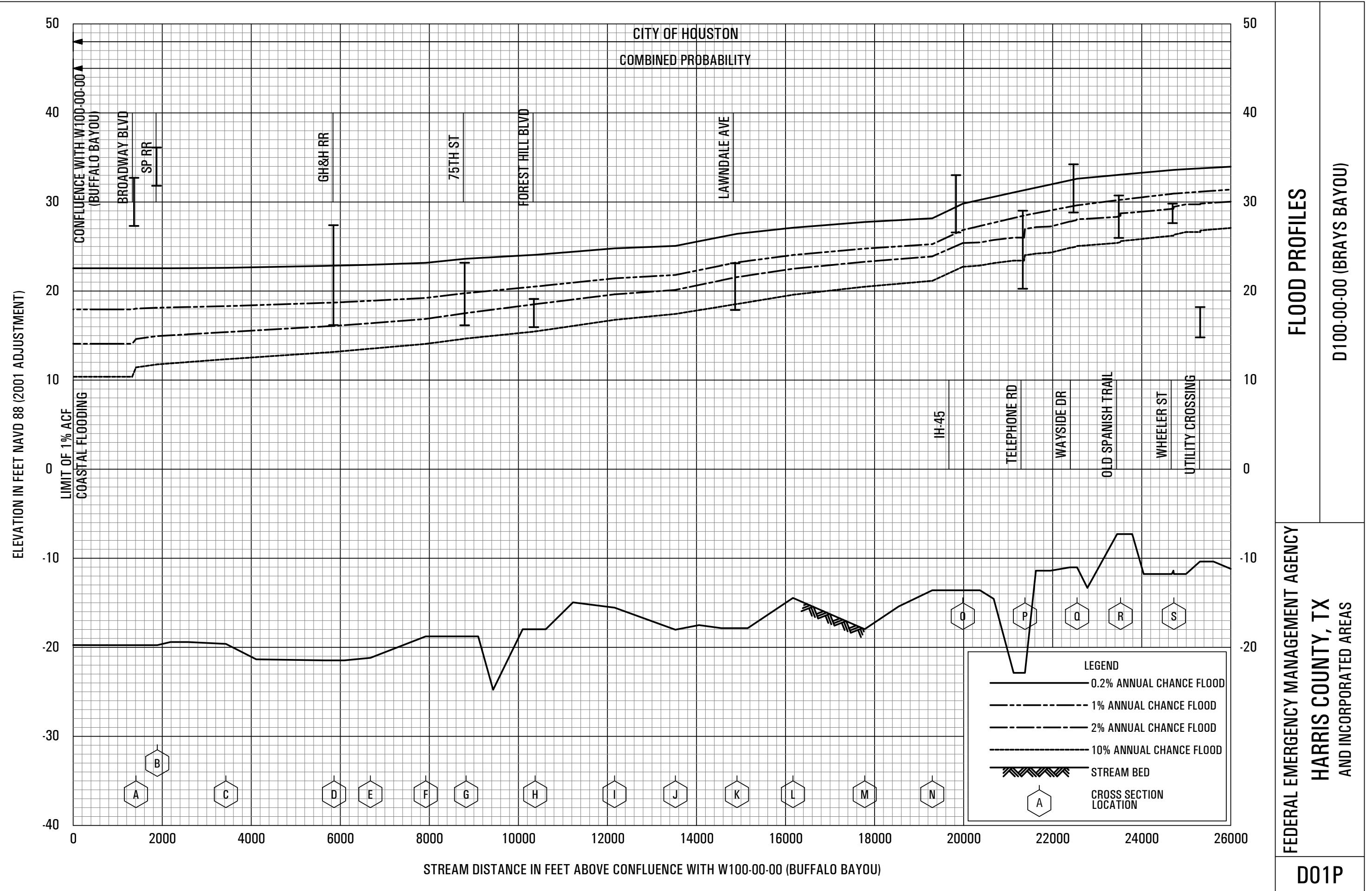


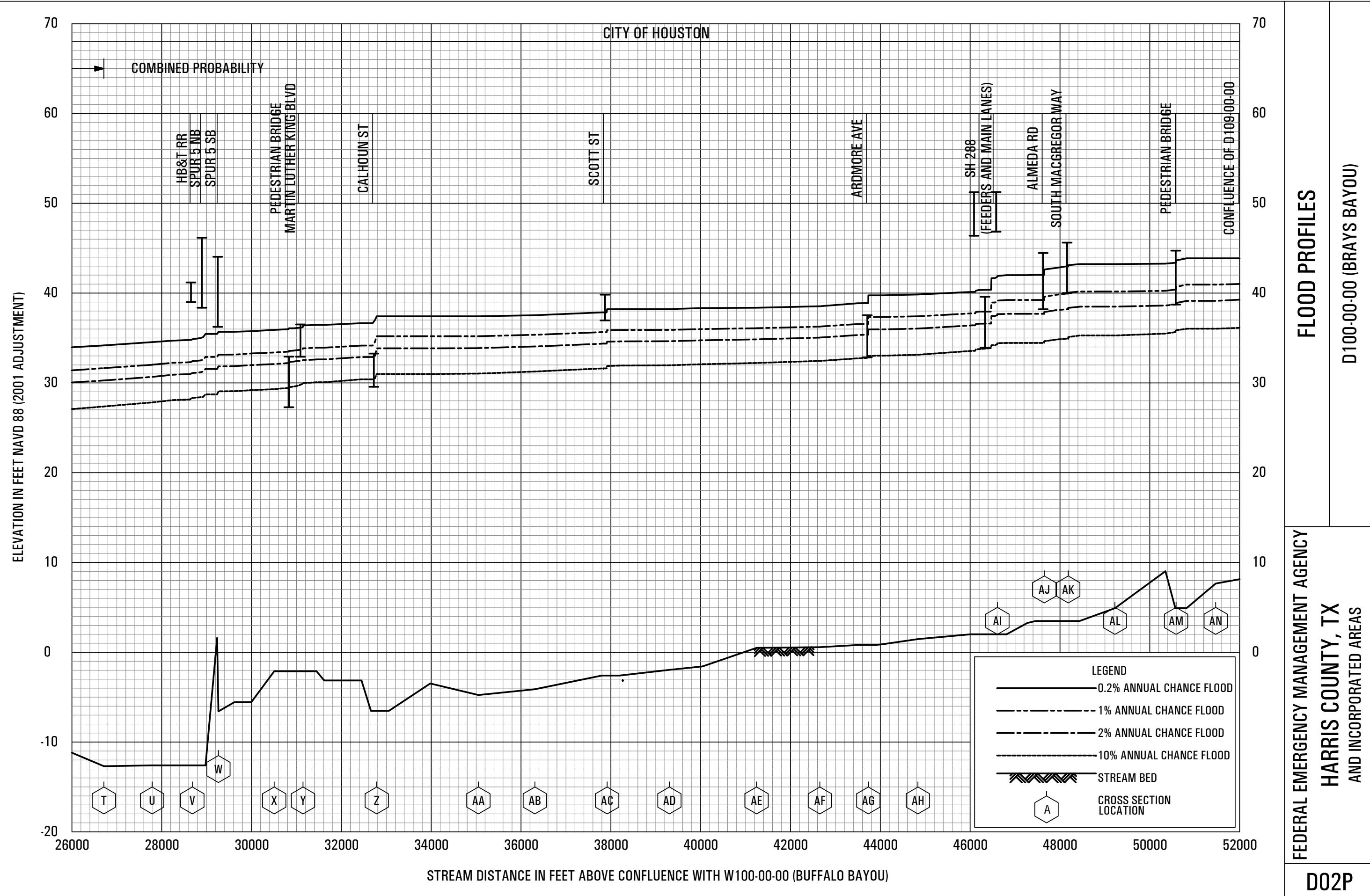
FLOOD PROFILES
C147-02-00

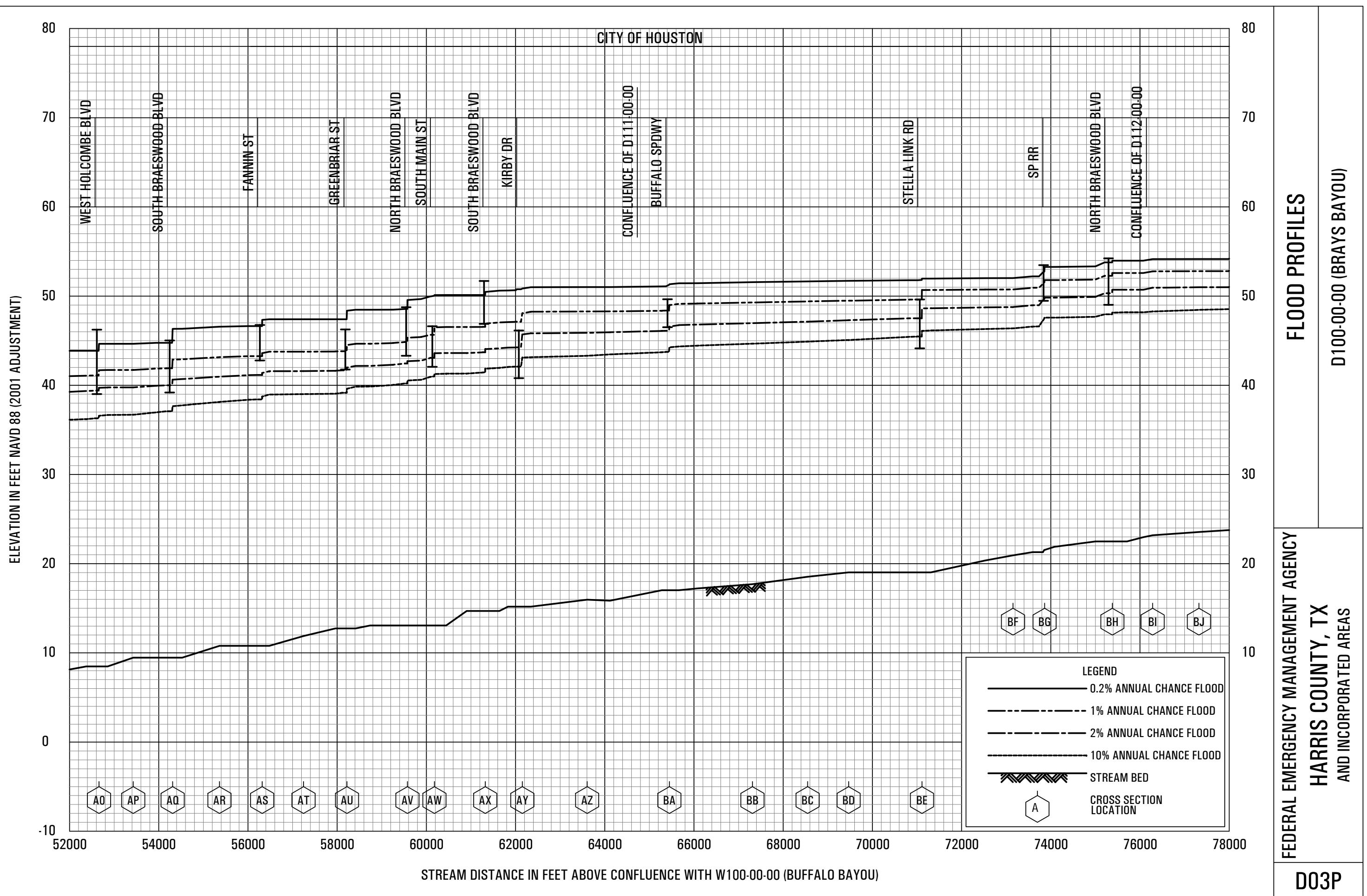
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

C23(a)P

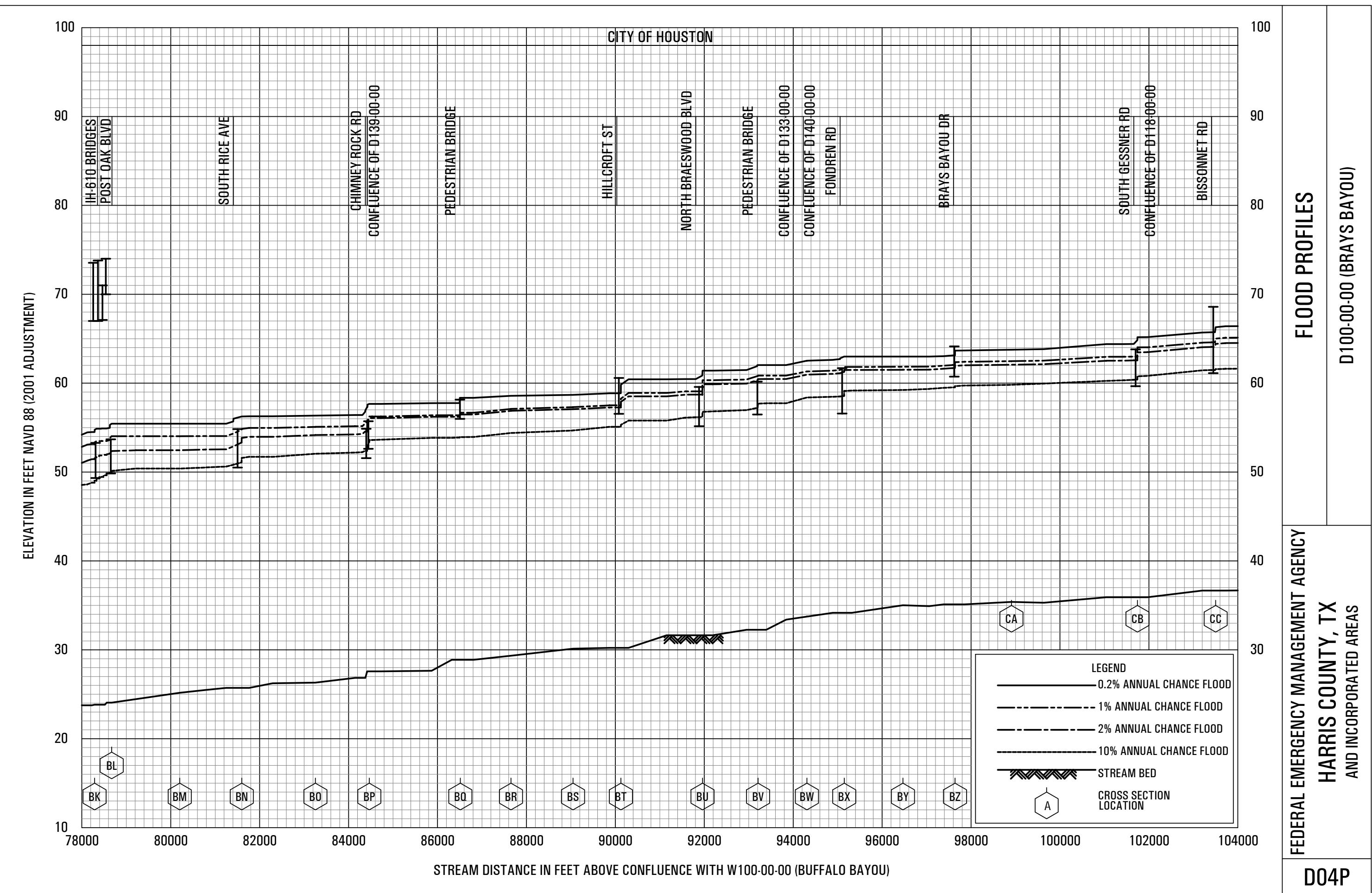


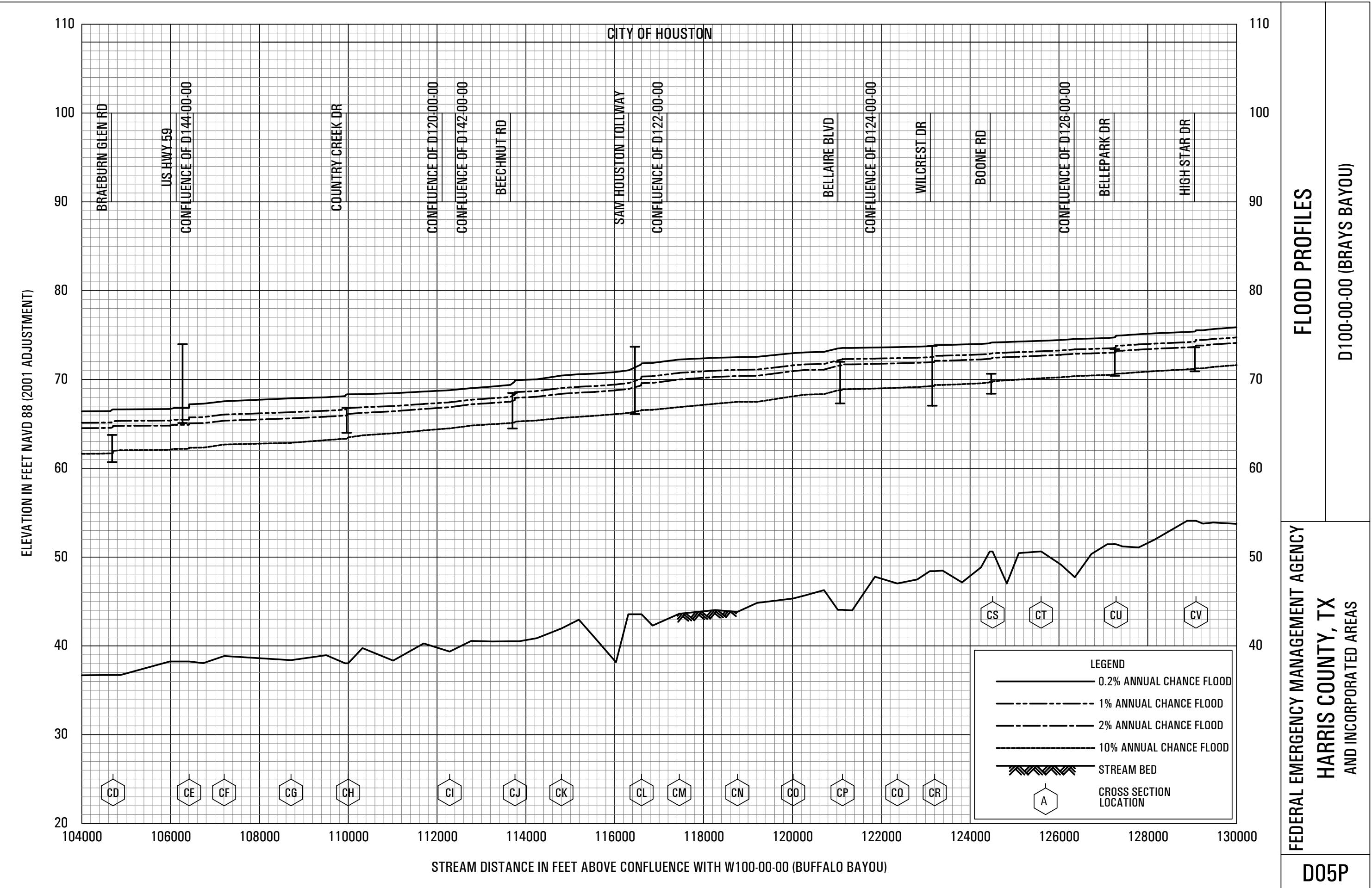


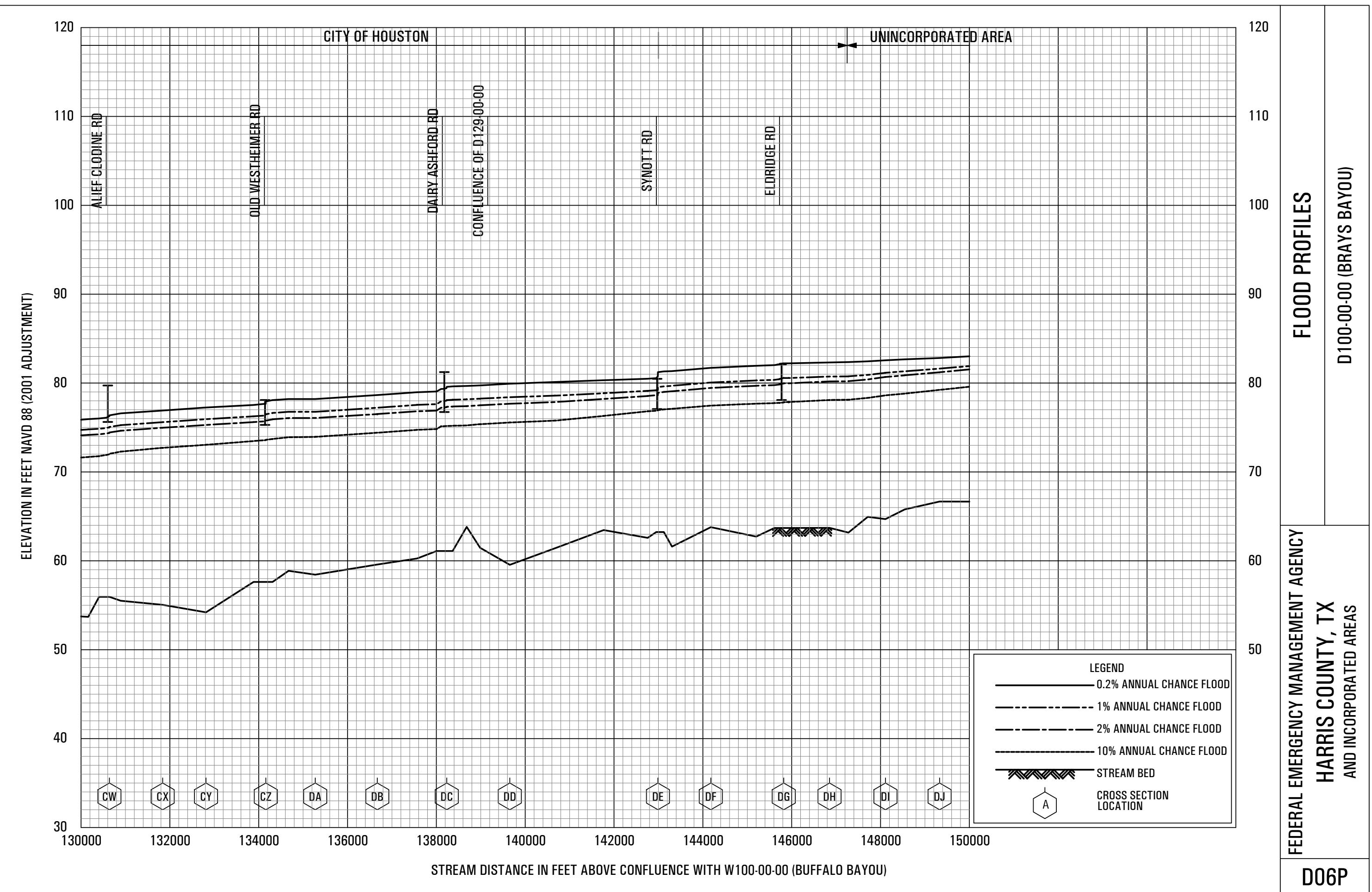


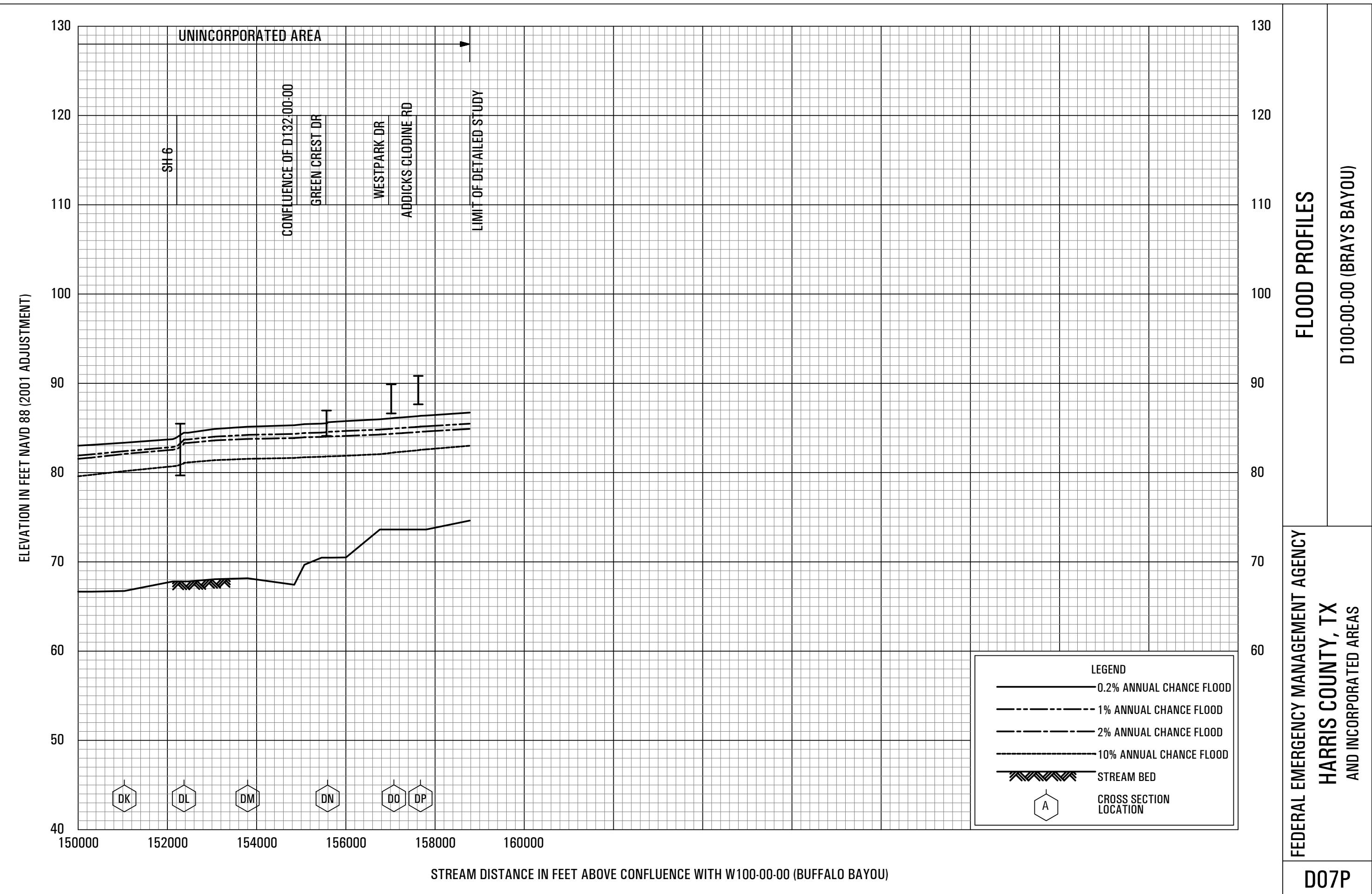


D03P

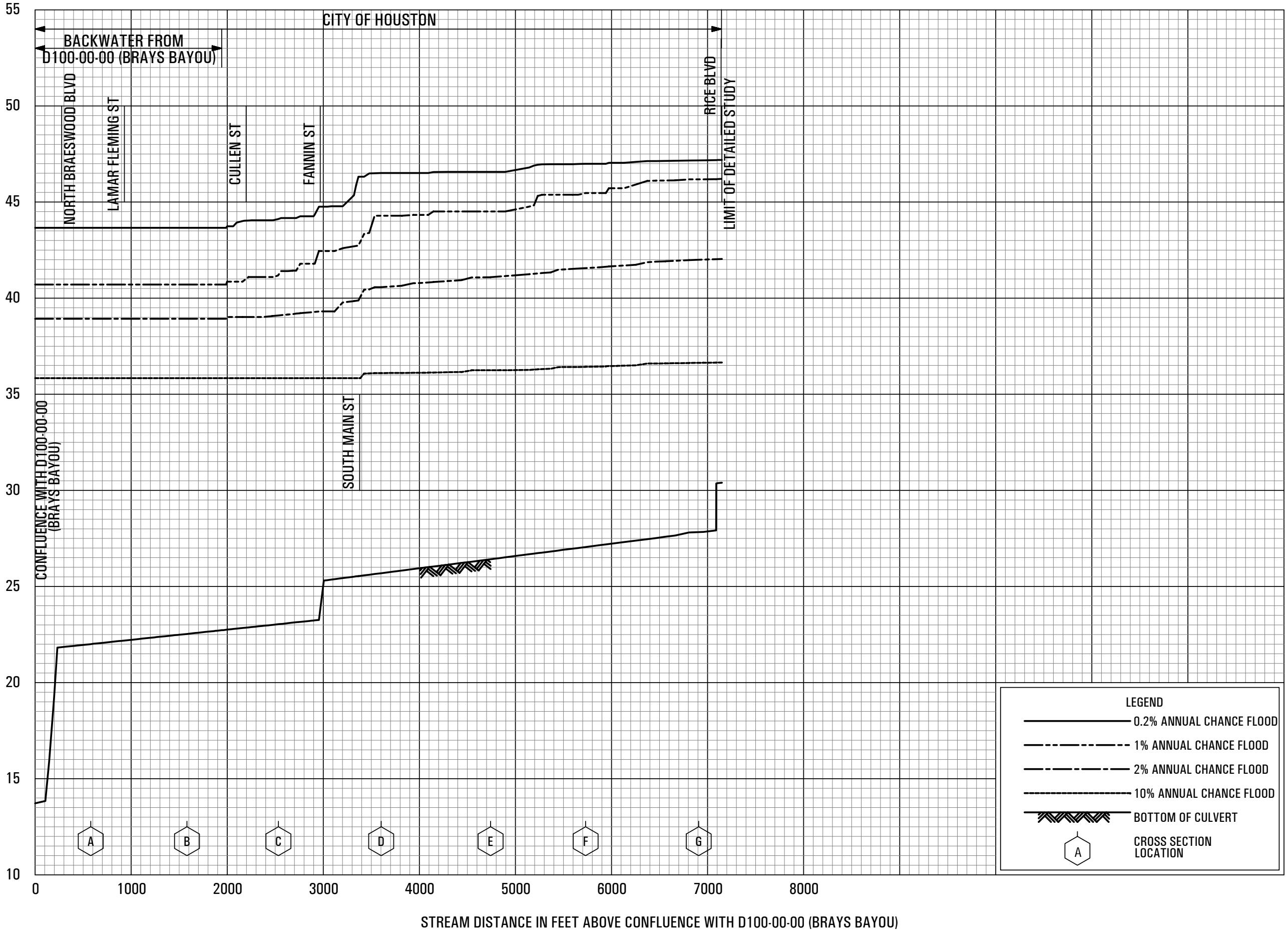








ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

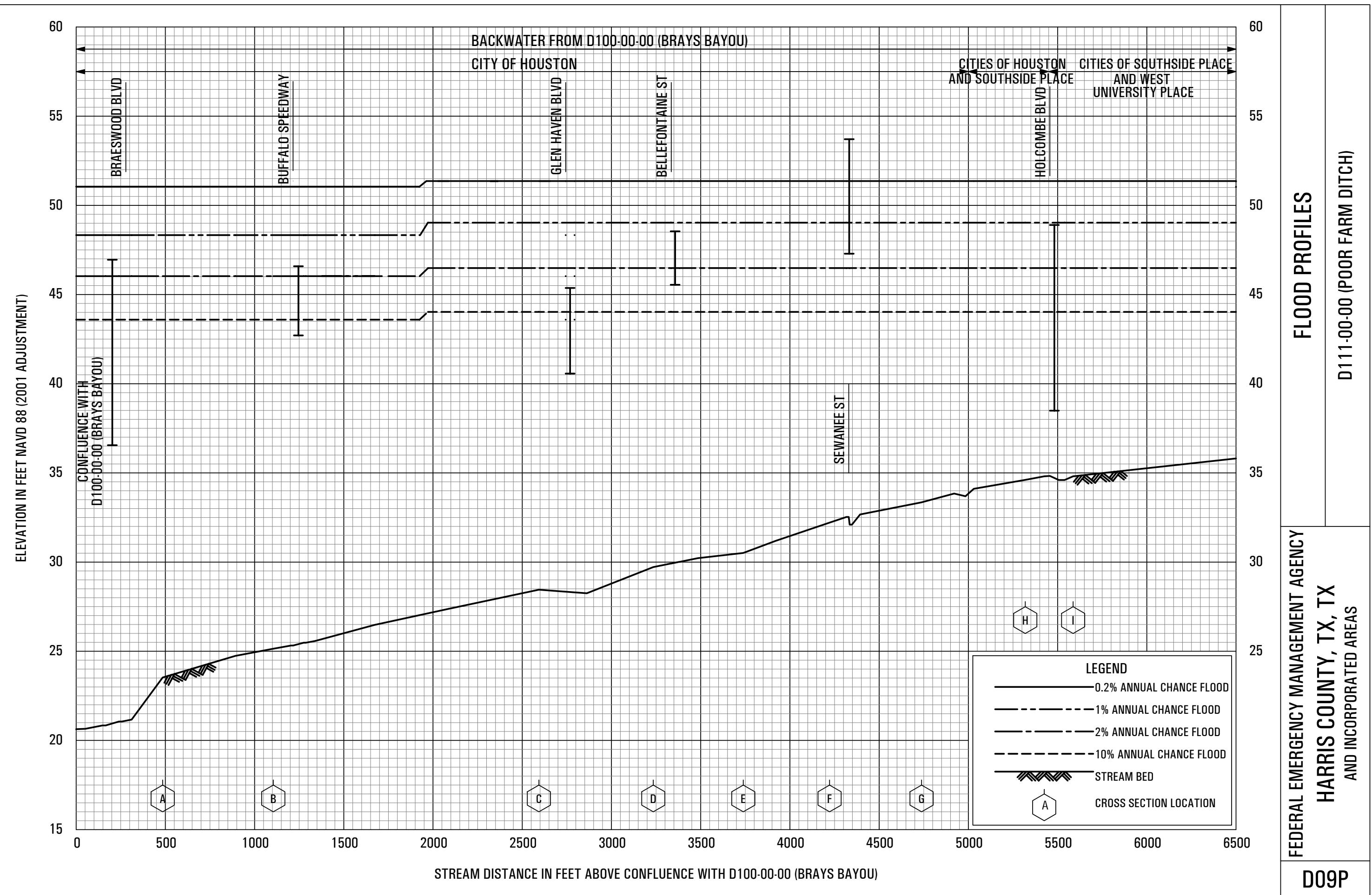


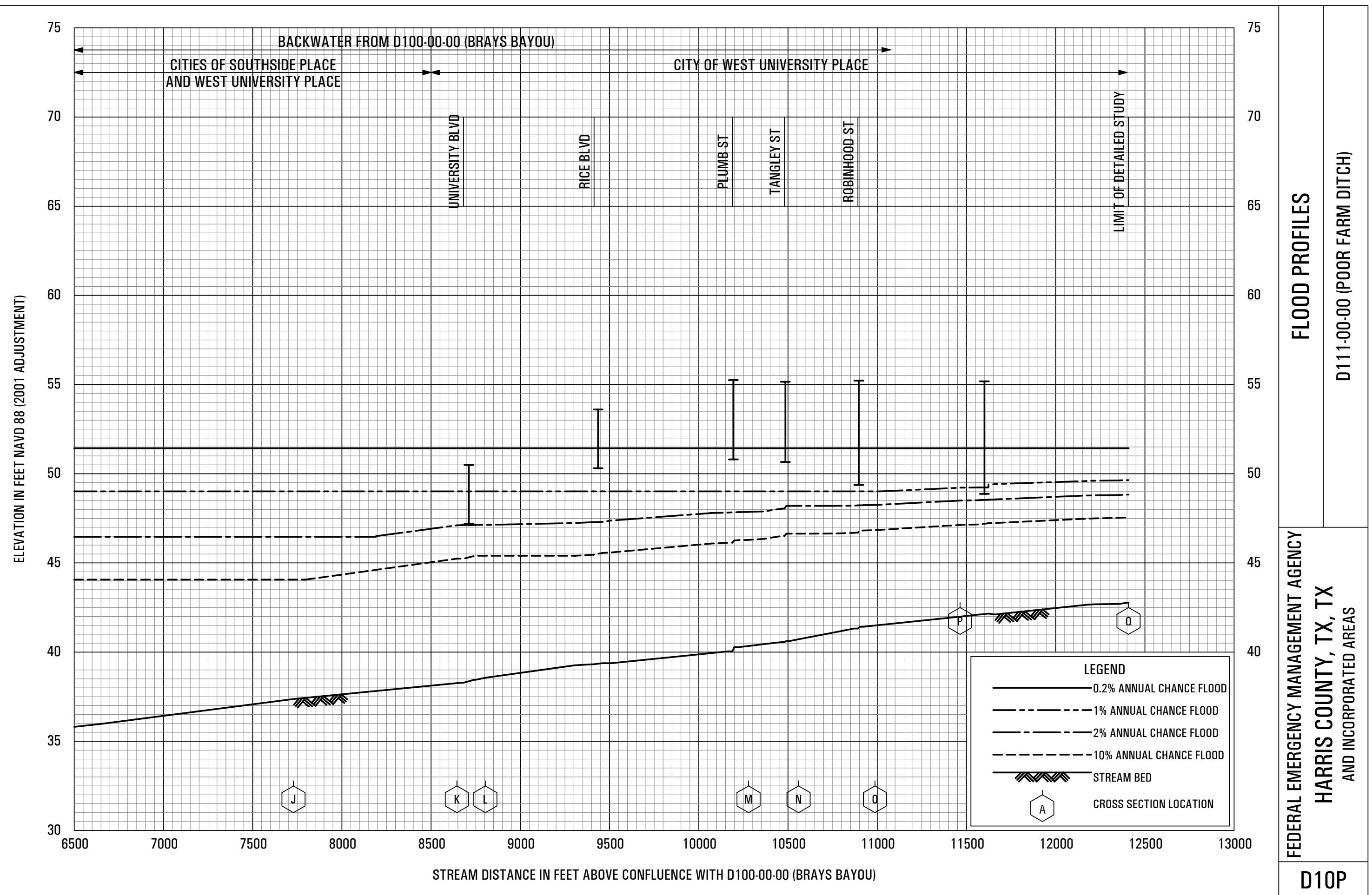
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

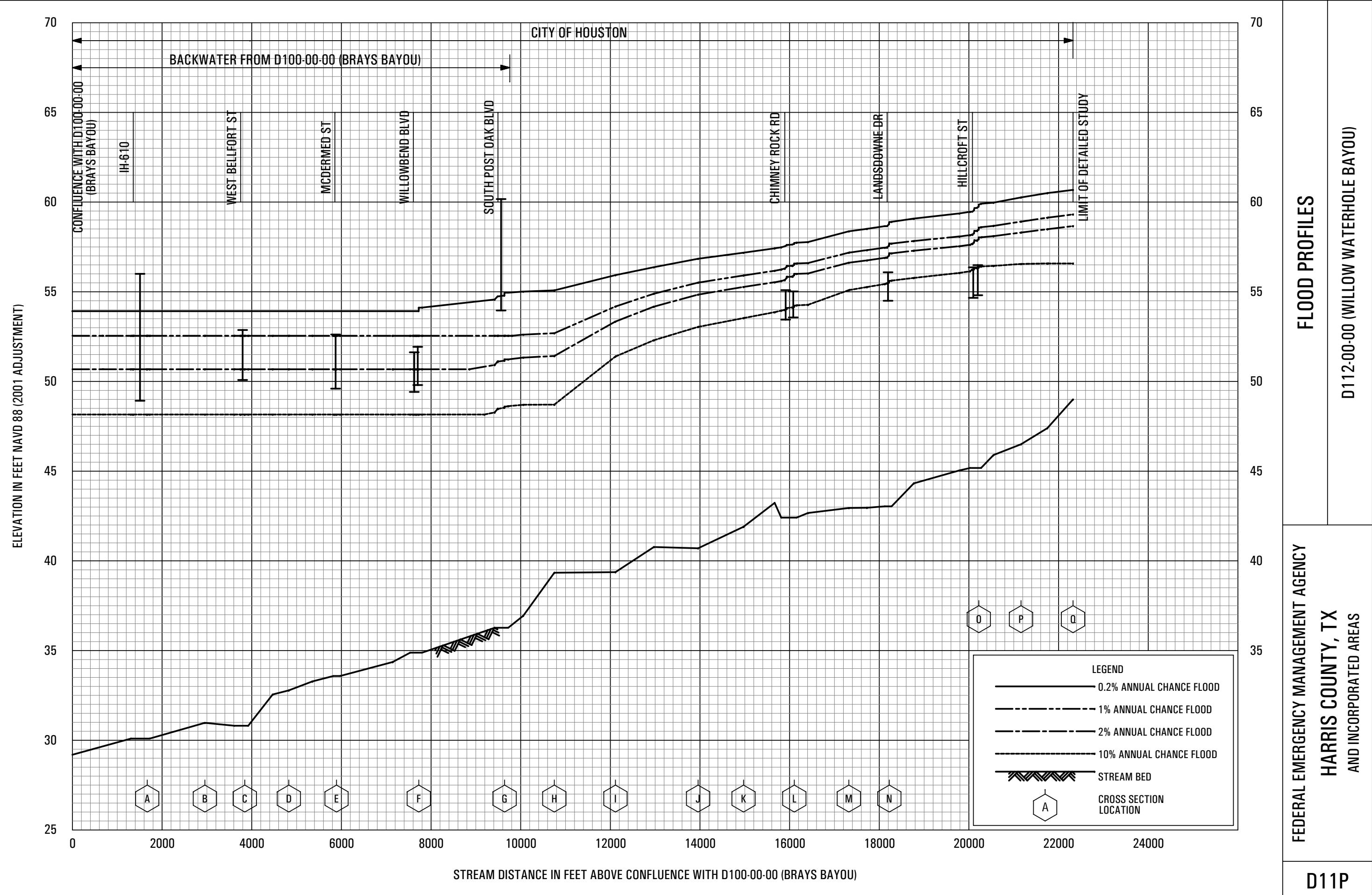
D08P

FLOOD PROFILES

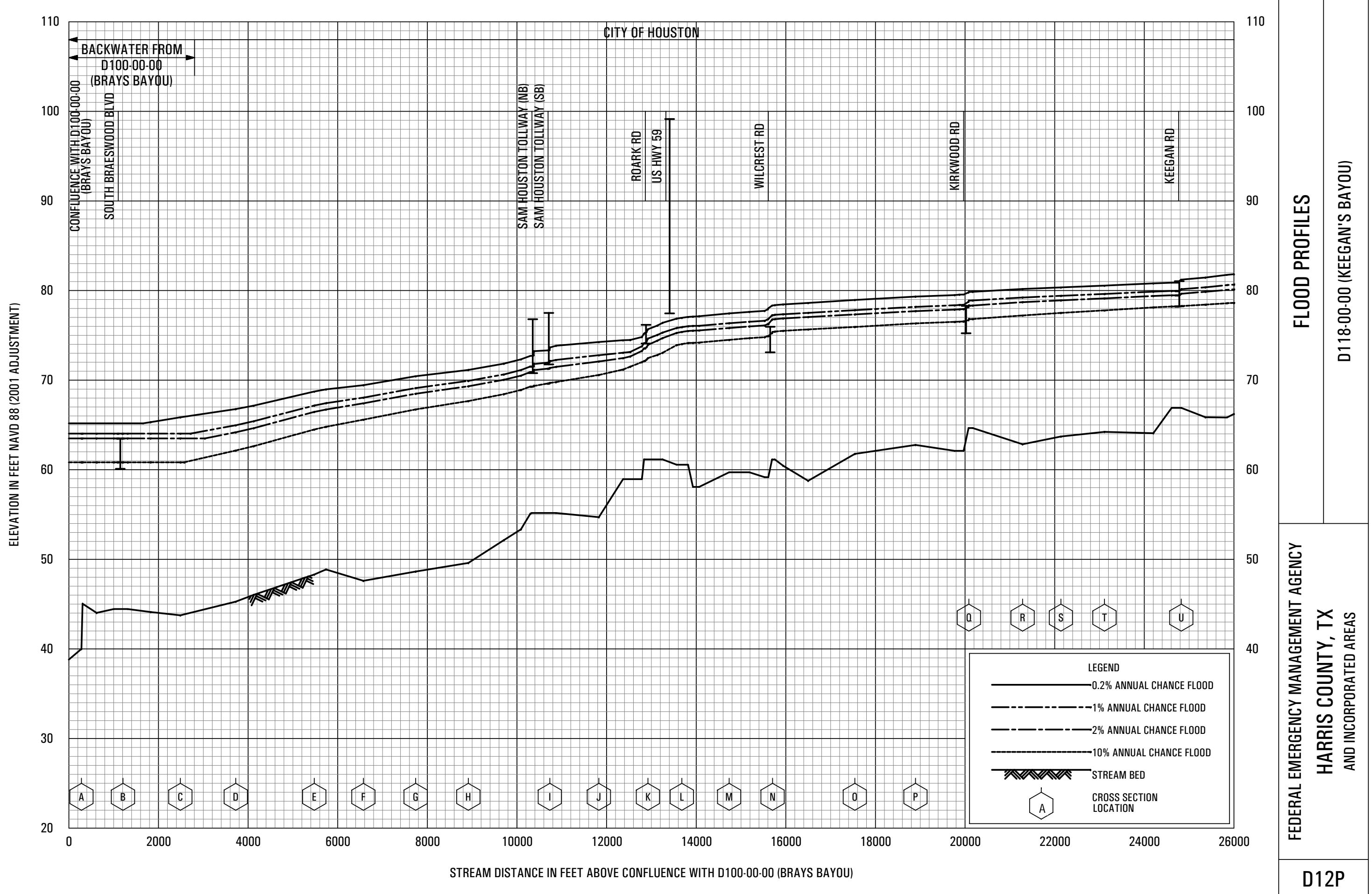
D109-00-00 (HARRIS GULLY)

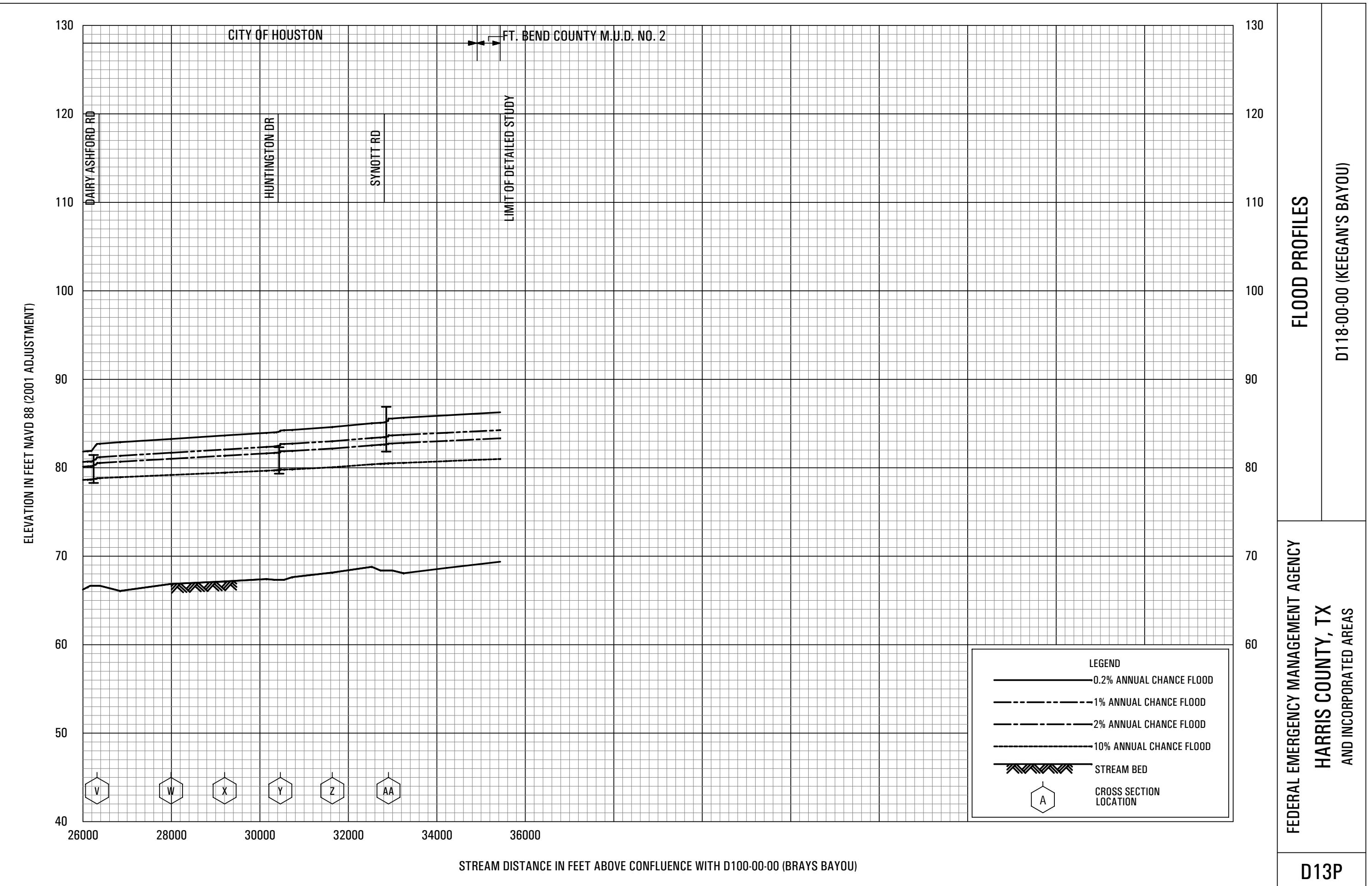


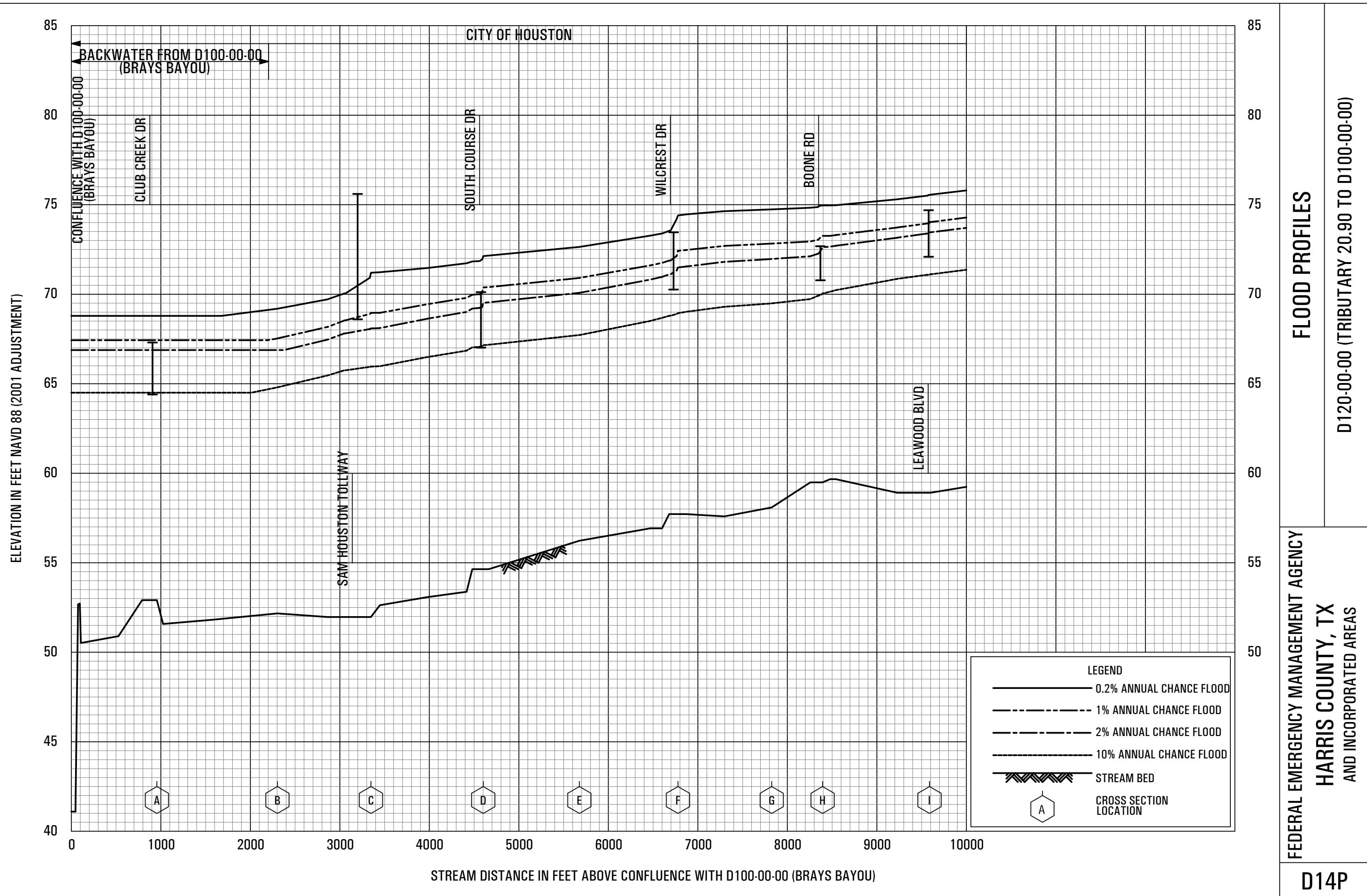




D11P







FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

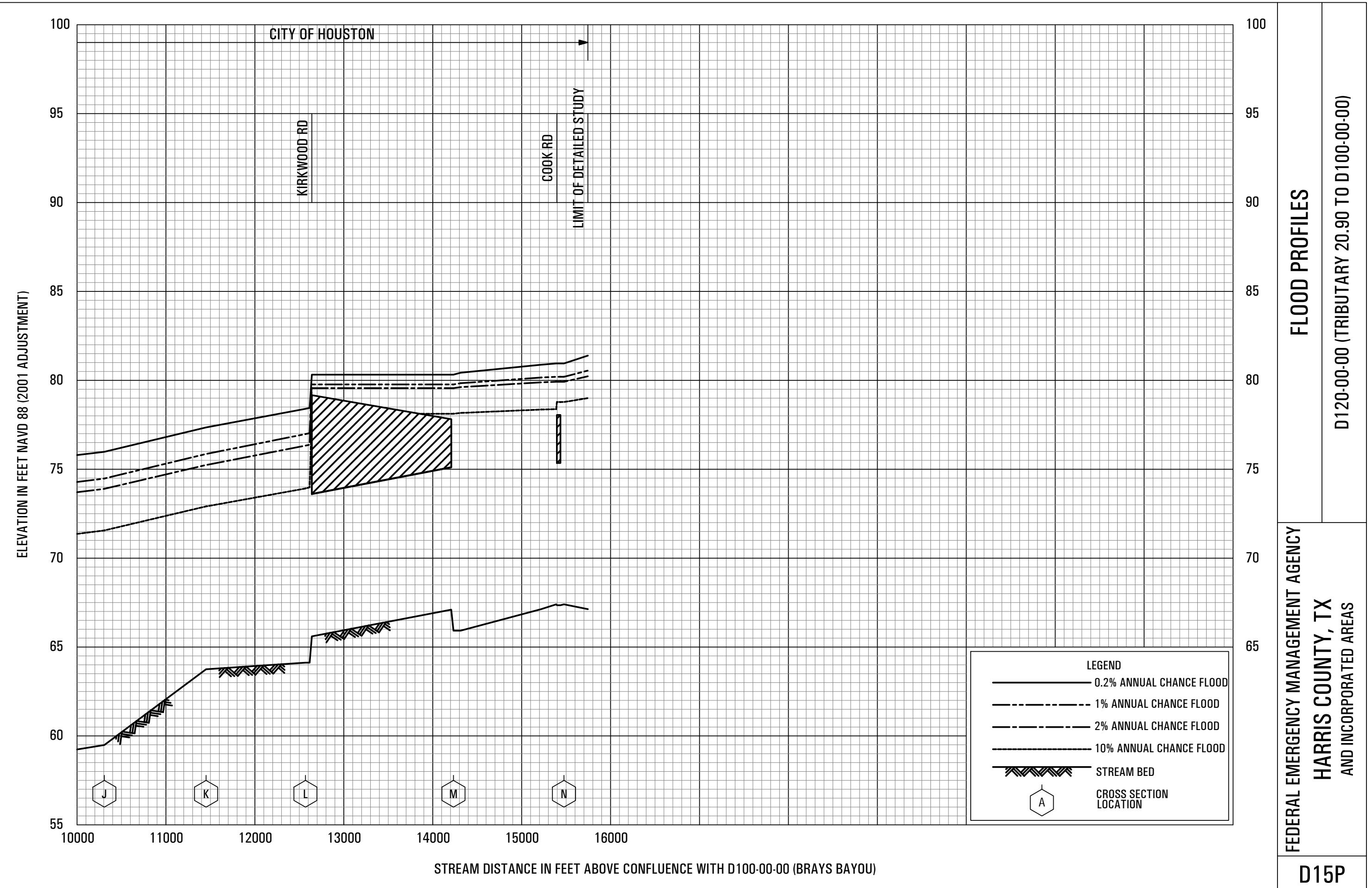
D14P

FLOOD PROFILES

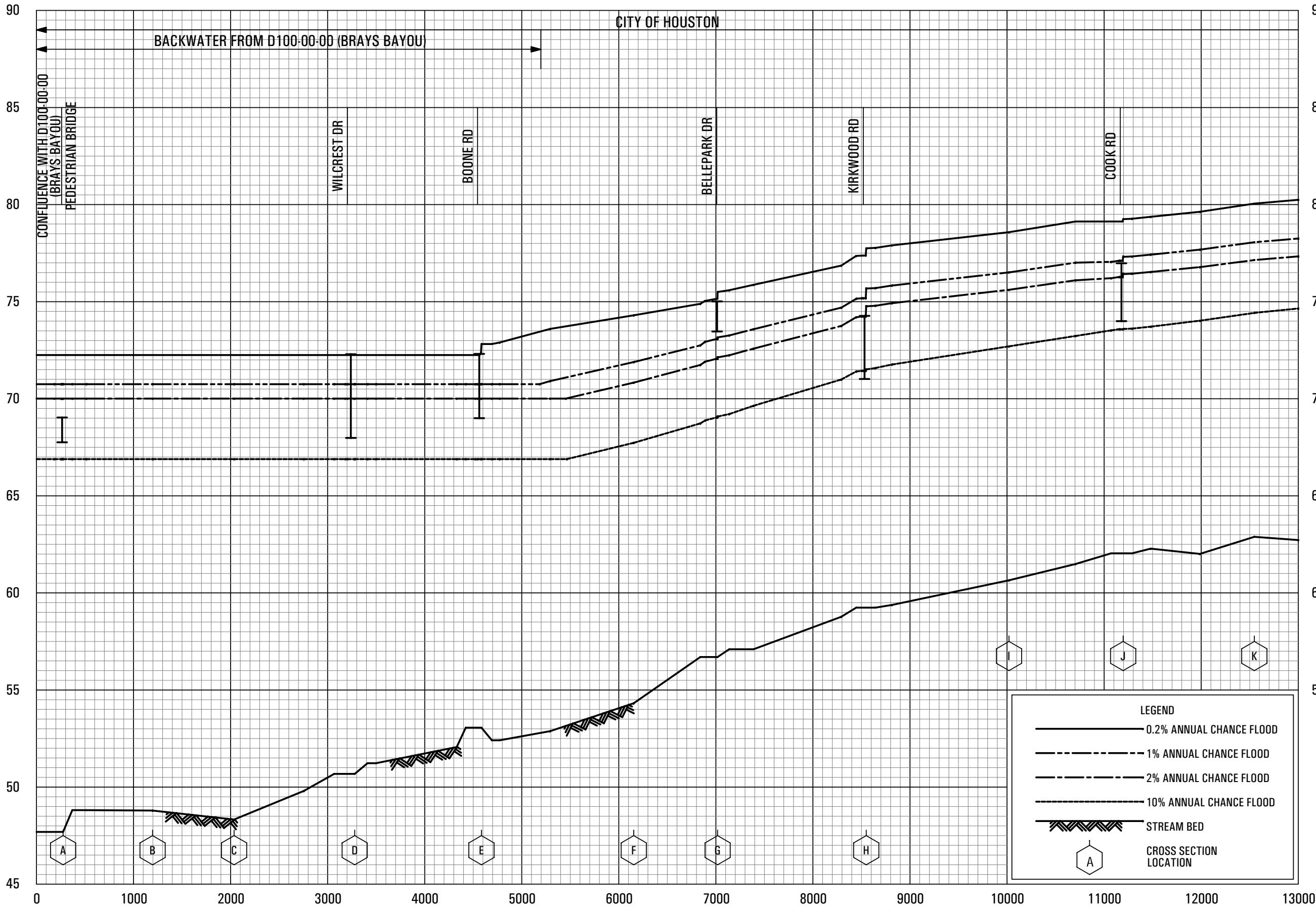
D120-00-00 (TRIBUTARY 20.90 TO D100-00-00)

85
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85
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50



ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

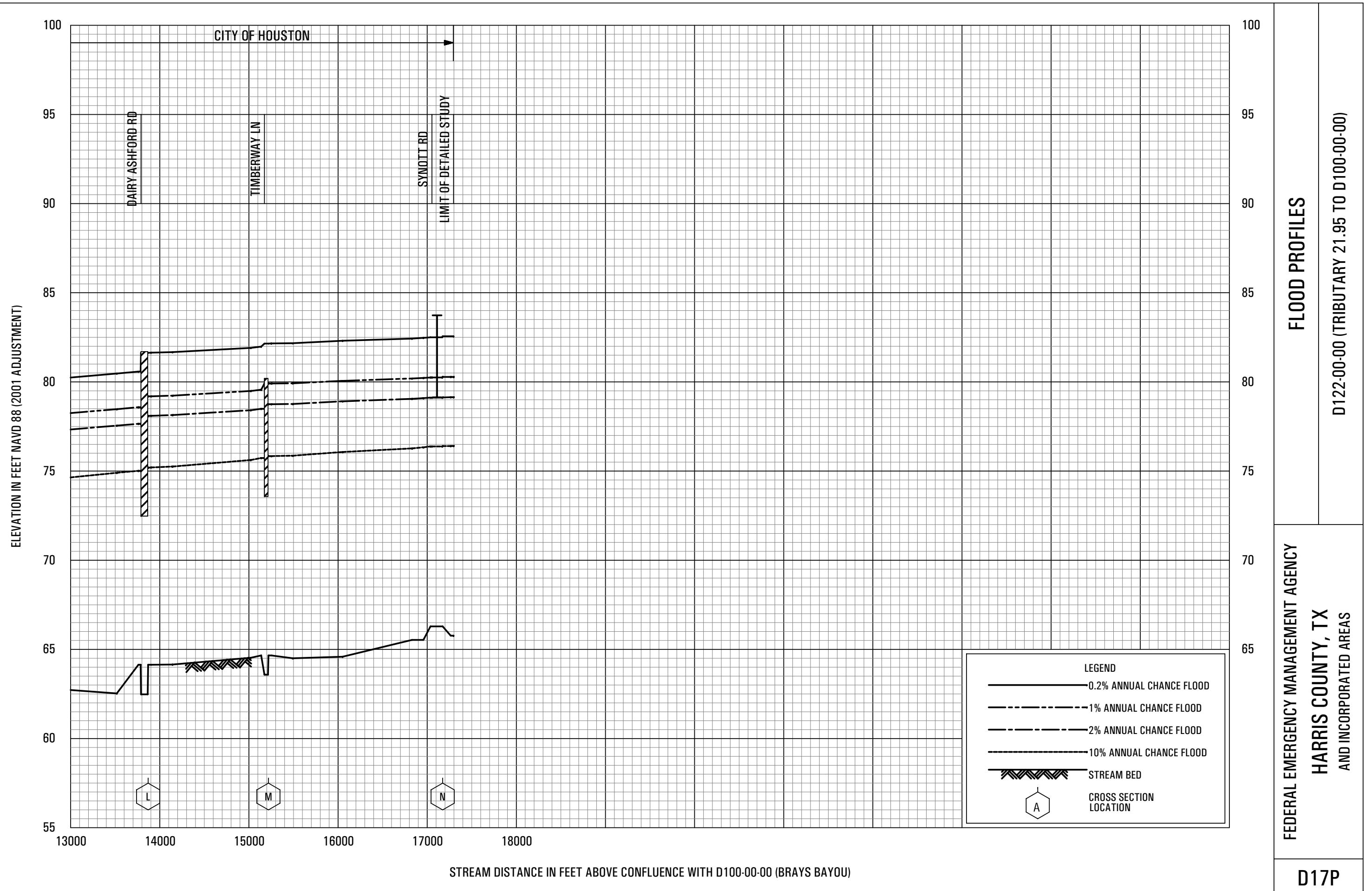


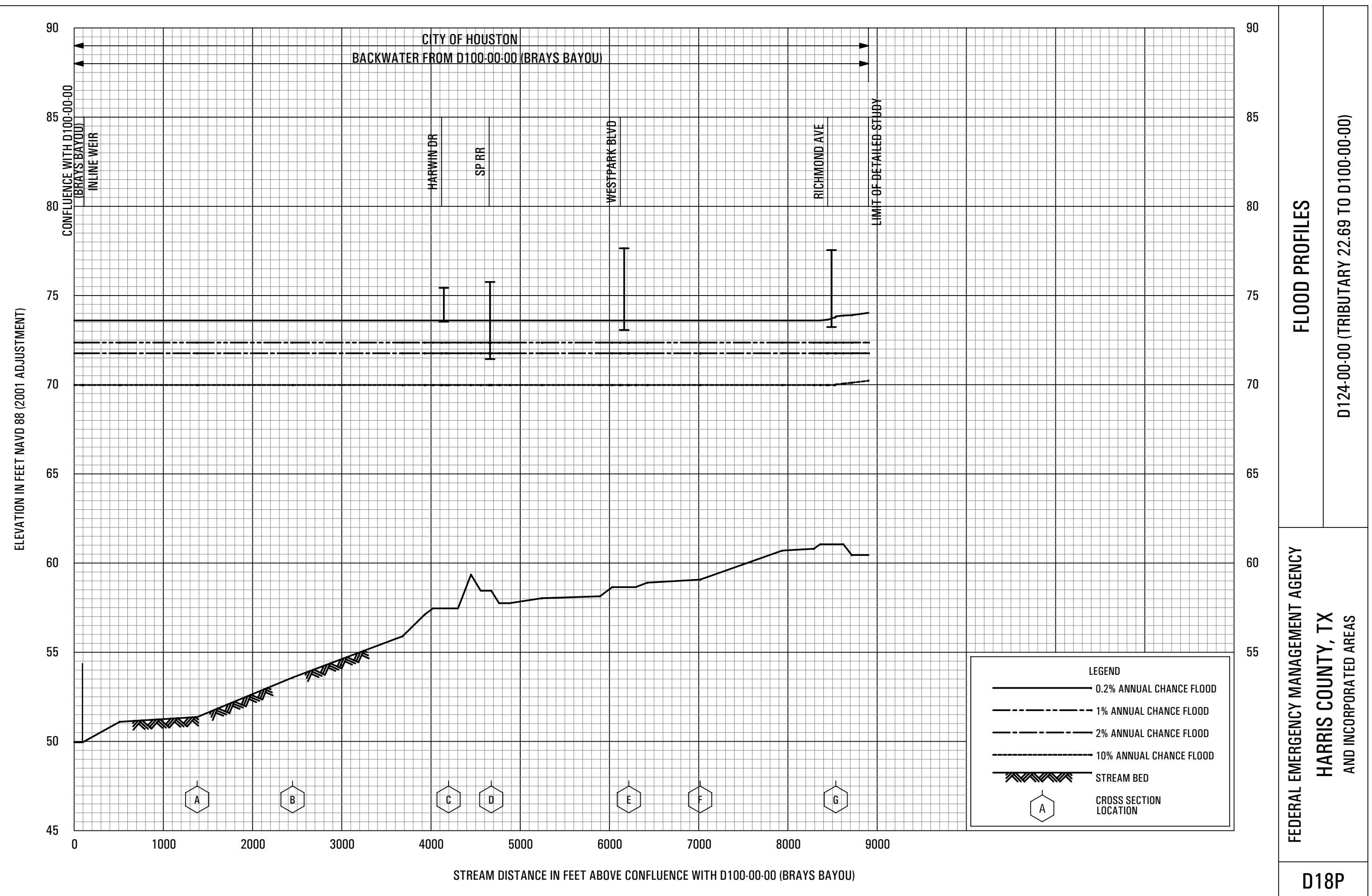
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

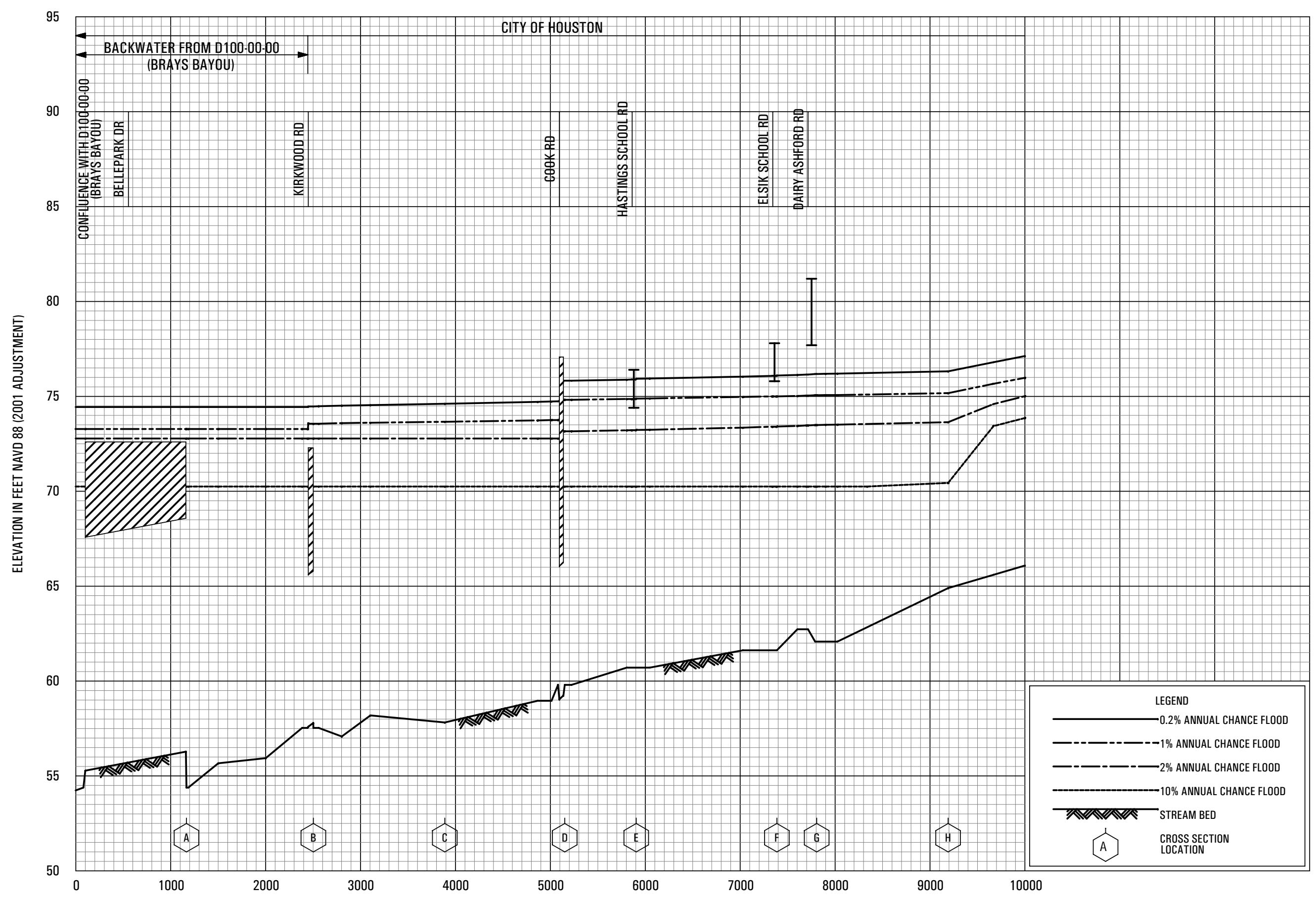
D122-00-00 (TRIBUTARY 21.95 TO D100-00-00)

D16P

FLOOD PROFILES







FLOOD PROFILES

D126-00-00 (TRIBUTARY 23.53 TO D100-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

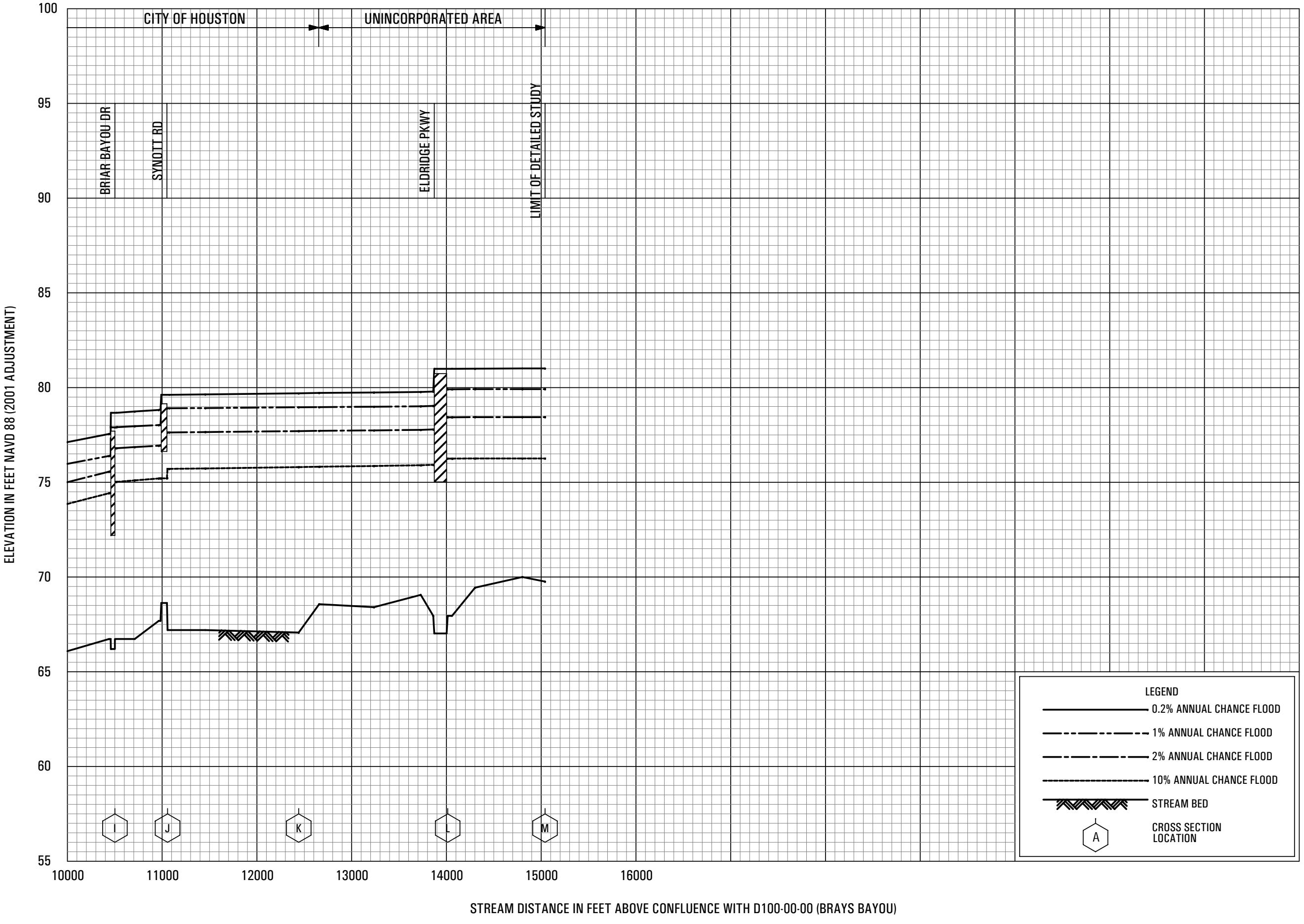
D19P

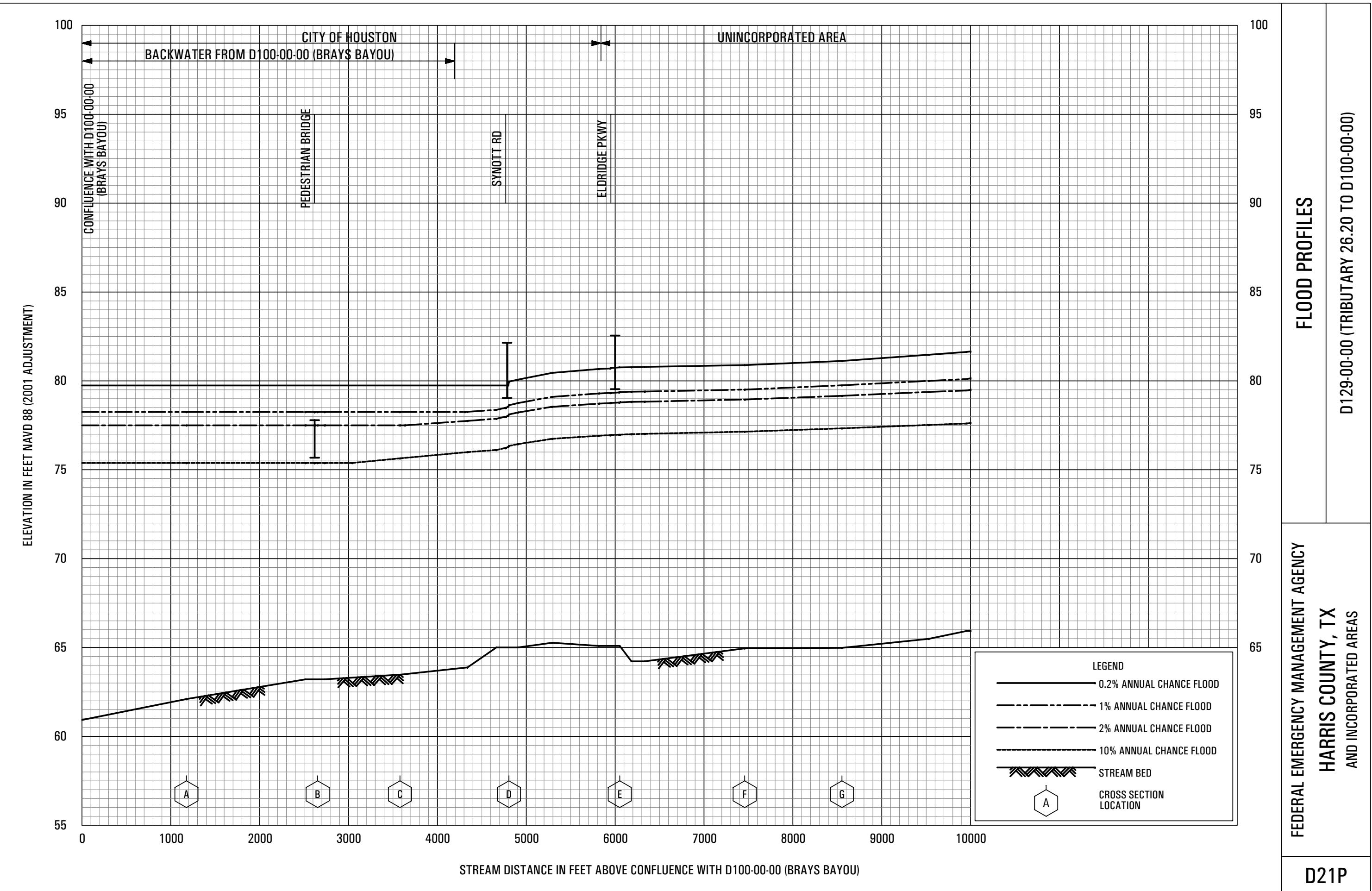
D126-00-00 (TRIBUTARY 23.53 TO D100-00-00)

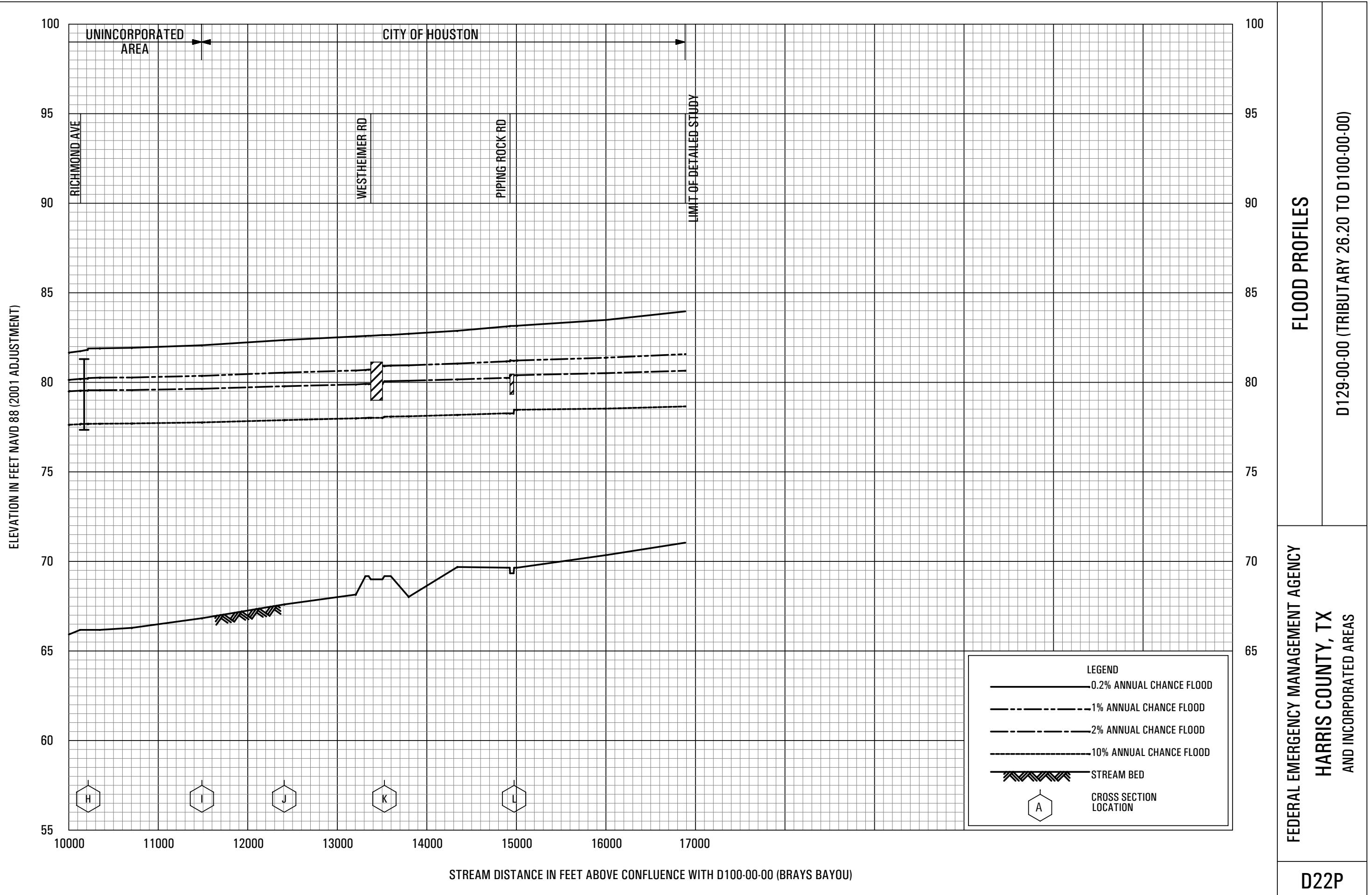
FLOOD PROFILES

HARRIS COUNTY, TX
AND INCORPORATED AREAS

D20P





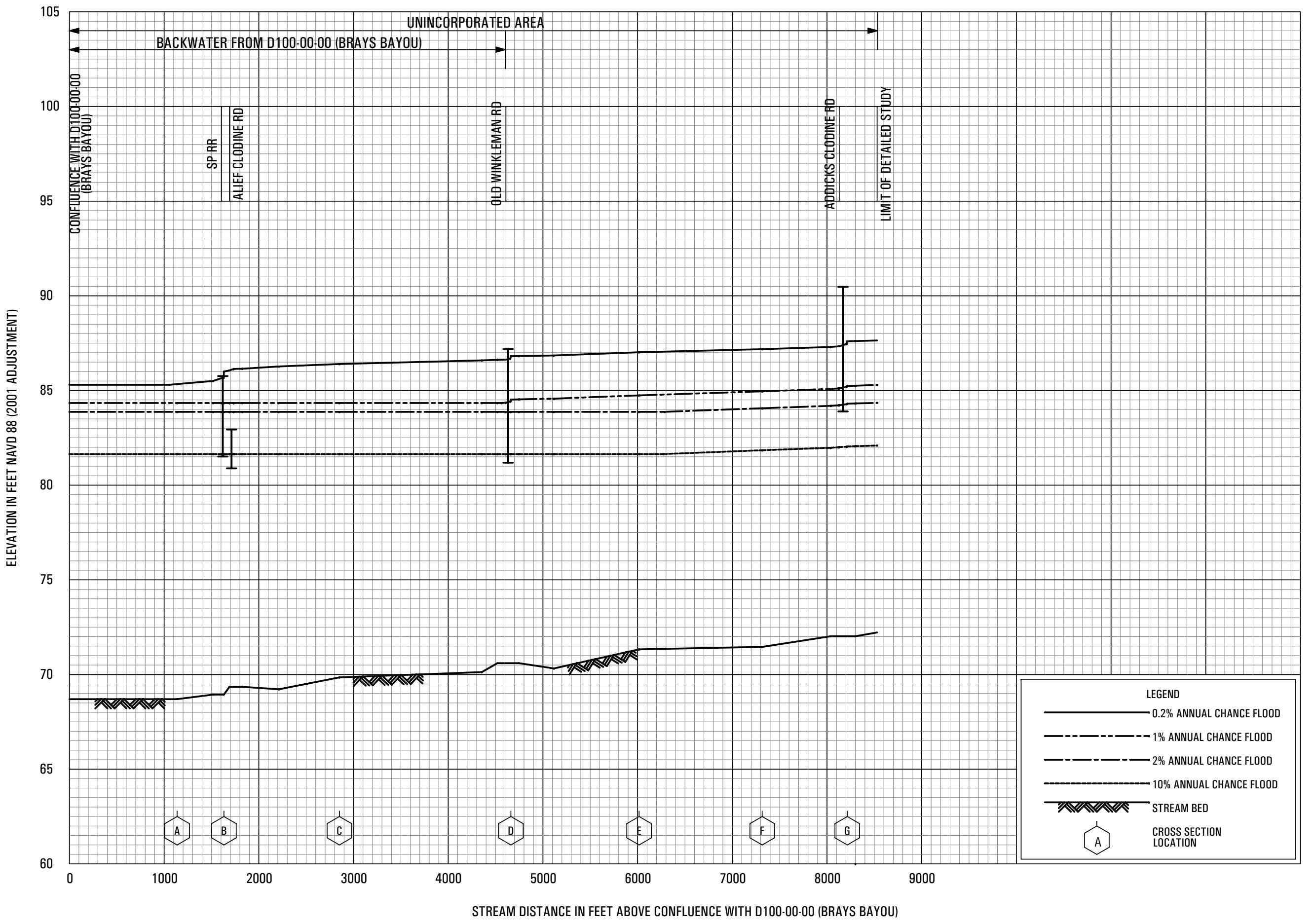


FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

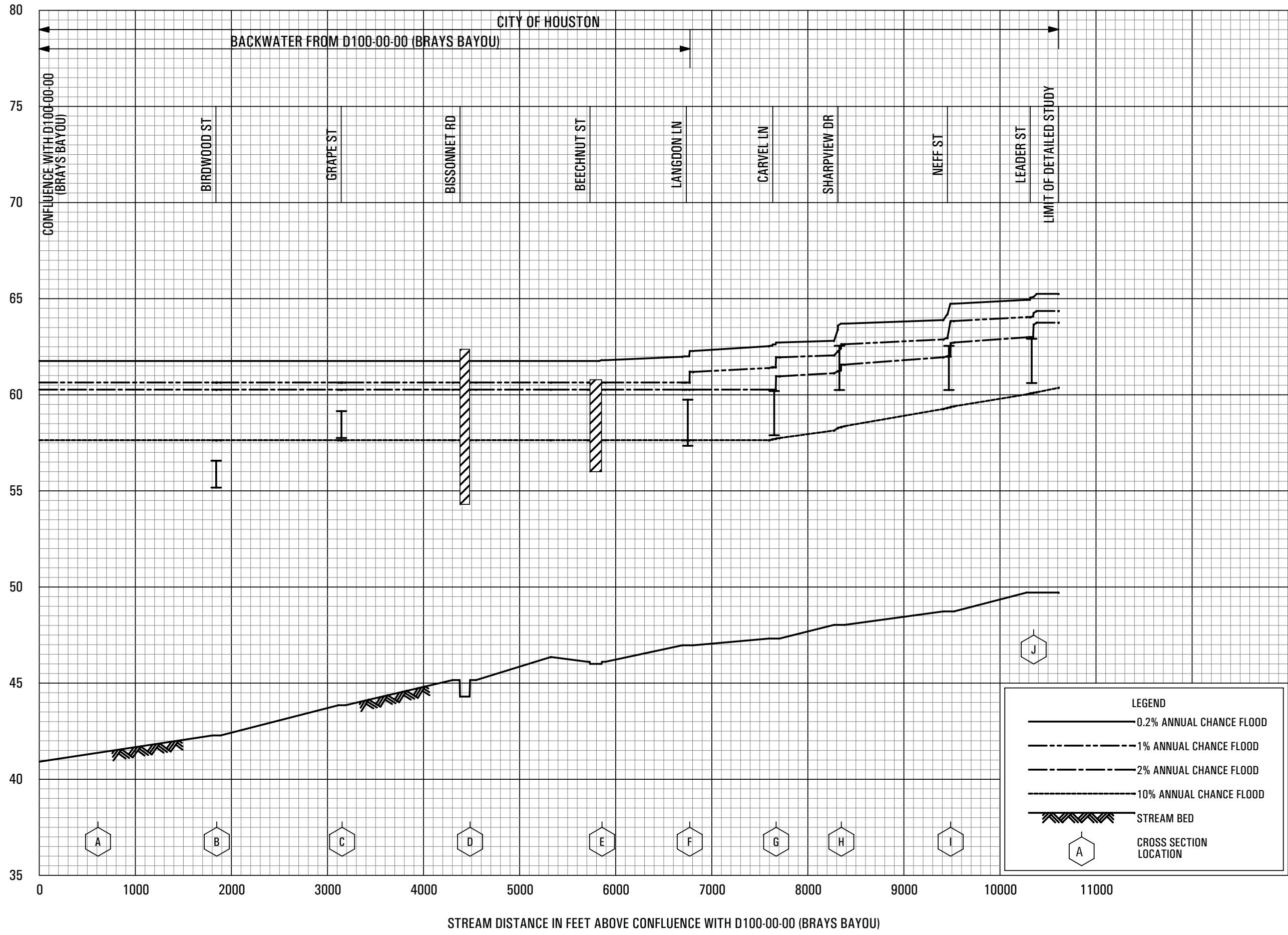
D23P

FLOOD PROFILES

D132-00-00 (TRIBUTARY 29.16 TO D100-00-00)



ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)

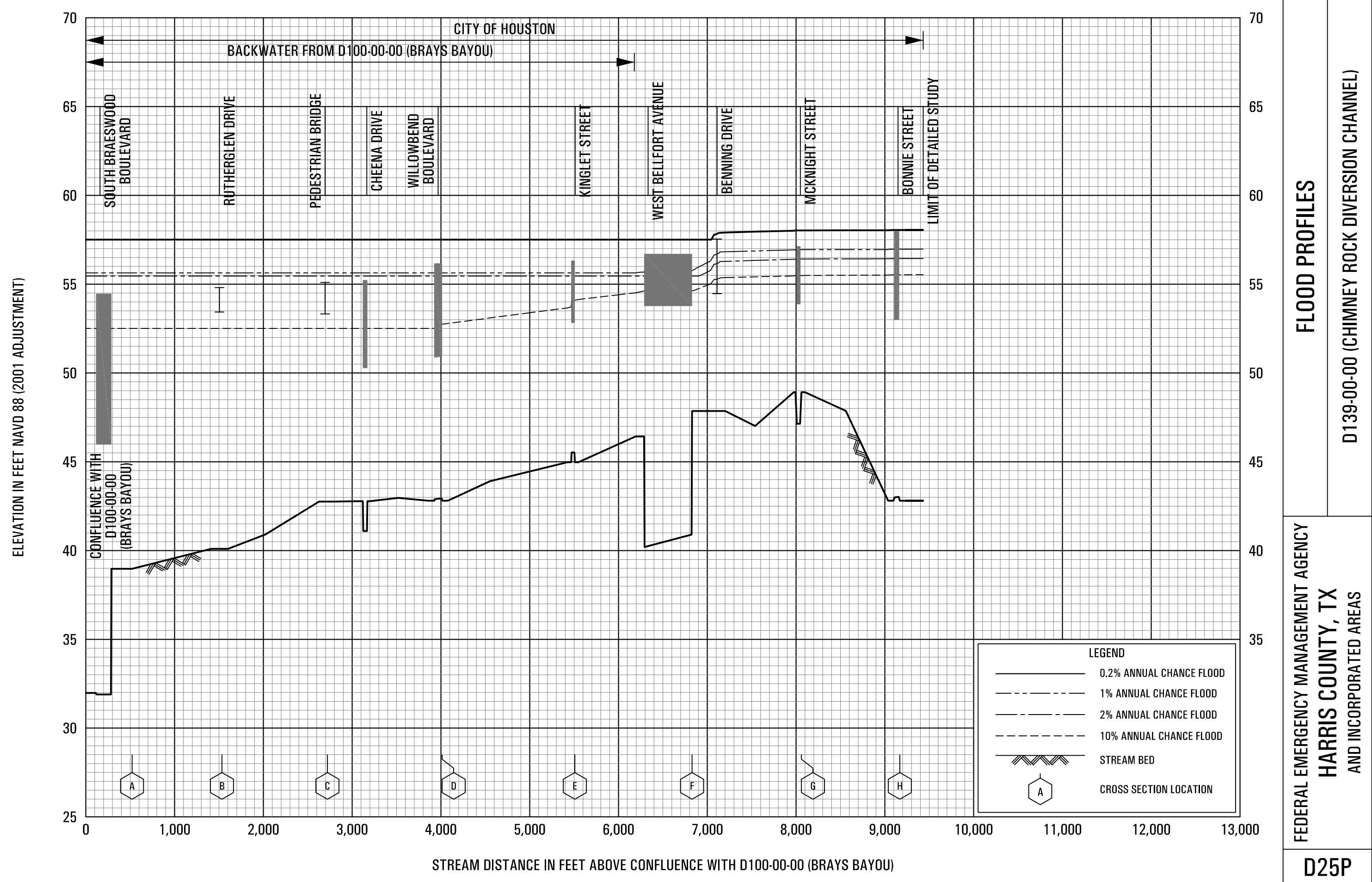


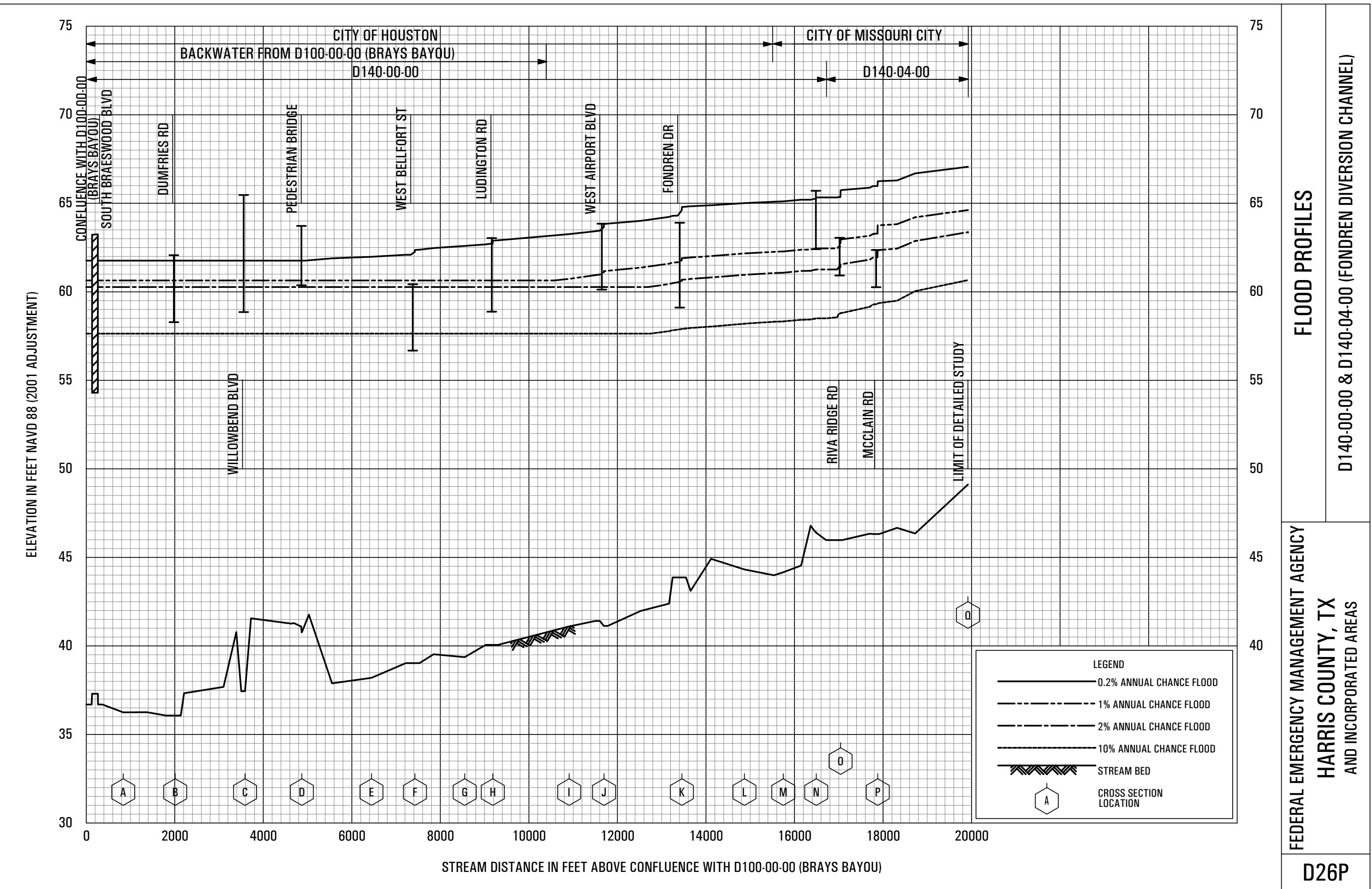
FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

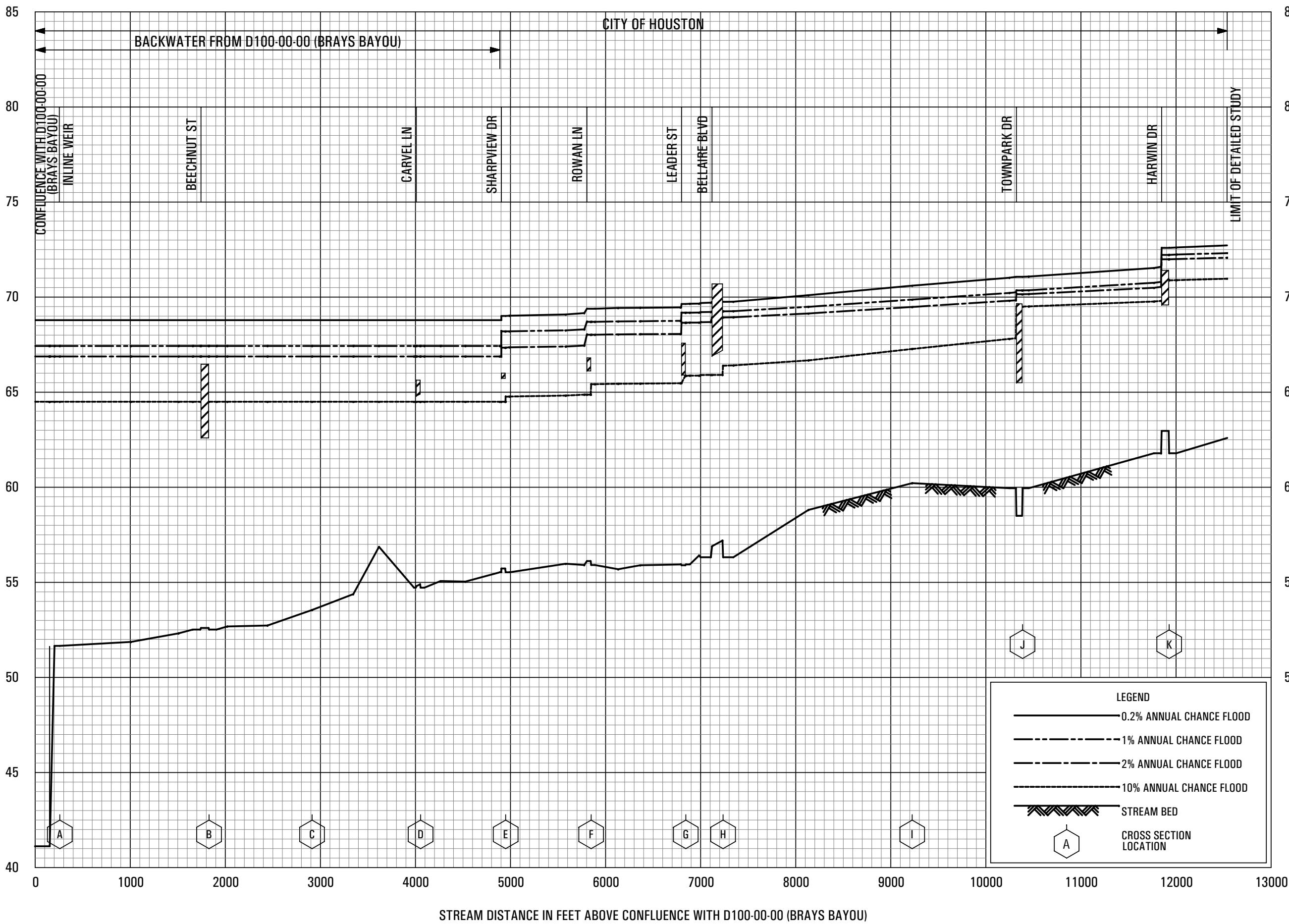
D133-00-00 (BINTLIFT DITCH)

D24P





ELEVATION IN FEET NAVD 88 (2001 ADJUSTMENT)



FEDERAL EMERGENCY MANAGEMENT AGENCY
HARRIS COUNTY, TX
AND INCORPORATED AREAS

D27P

FLOOD PROFILES

D142-00-00 (TRIBUTARY 20.86 TO D100-00-00)

